



July 7, 2015

Mr. Anthony LaMaster
START Contracting Officer
U.S. Environmental Protection Agency, Region 7
11201 Renner Blvd.
Lenexa, KS 66219

Subject: Monthly Progress Report, June 2015
START 4, EPA Region 7, Contract No. EP-S7-13-06

Dear Mr. LaMaster:

Tetra Tech, Inc. (Tetra Tech) submits the attached monthly progress report for the period May 25, 2015 to June 28, 2015. This report summarizes current task orders committed to Tetra Tech and progress toward their completion.

If you have any questions or comments regarding this submittal, please contact me at (816) 412-1754.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Ted Faile'.

Ted Faile, PG, CHMM
START 4 Program Manager

Enclosures



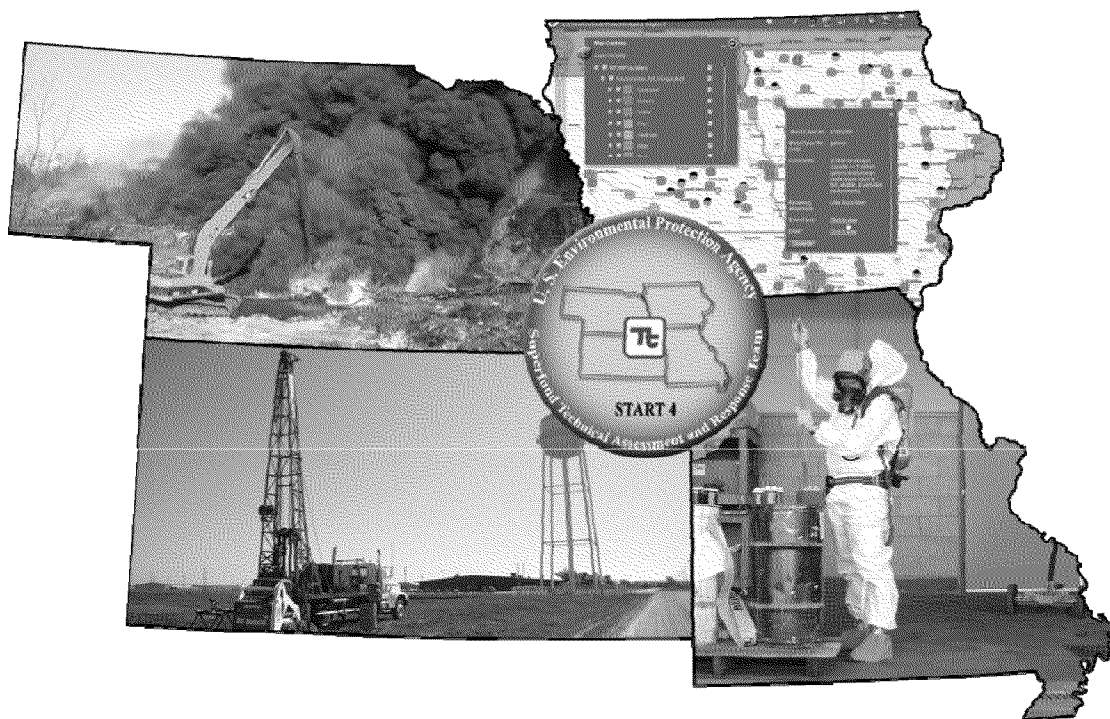
Prepared for
United States Environmental Protection Agency
Region VII
11201 Renner Boulevard
Lenexa, Kansas 66219

START 4

Contract No. EP-S7-13-06

Monthly Progress Report

June 2015



TETRA TECH

Prepared by

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printed on recycled paper

Monthly Progress Report
START 4
June 2015

Prepared By



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CONTENTS

TECHNICAL PROGRESS REPORT	1
PROGRAM MANAGEMENT ACTIVITIES	1
Staffing/Subcontracting	1
Equipment	1
Quality Assurance	2
Health and Safety	2
Training	2
Project Highlights	2
Financial Information	4
PROJECT SUMMARIES	5
Task Order No. 0001.000: Emergency Response Activities, Regional	5
Task Order No. 0001.018: El Dorado Pipeline Spill, El Dorado, Kansas	6
Task Order No. 0001.019: Mercury – South Kendall Drive, Independence, Missouri	7
Task Order No. 0002.000: CERCLA Assessment Activities, Regional	7
Task Order No. 0002.011: Stakeholder Pb Data Sharing, Regional	8
Task Order No. 0002.018: Ogallala Groundwater – Source Investigation, Ogallala, Nebraska	8
Task Order No. 0002.019: Brownfields Umbrella, Regional	9
Task Order No. 0002.027: South 38 th Street and Fairbanks Avenue, Kansas City, Kansas	15
Task Order No. 0002.028: Kansas Avenue Solvent Tanks, Kansas City, Kansas	15
Task Order No. 0002.029: Walker (ex) AFB, Walker, Kansas	16
Task Order No. 0002.030: KCS&R on Guinotte, Kansas City, Missouri	16
Task Order No. 0002.031: MLK Parkway, Des Moines, Iowa	17
Task Order No. 0002.032: Tanglefoot Lane, Bettendorf, Iowa	17
Task Order No. 0002.033: Lincoln (ex) Radio Beacon Annex, Martell, Nebraska	17

Task Order No. 0003.000: Preparedness/Prevention Activities, Regional	18
Task Order No. 0003.001: Emergency Response Data Quality Review, Regional	18
Task Order No. 0003.003: Subarea Support, Regional	18
Task Order No. 0003.005: Chem EO Workgroup, Regional	19
Task Order No. 0004.000: Technical Support Activities, Regional	20
Task Order No. 0004.002: ER/CT Support, Regional	20
Task Order No. 0004.003: ER/SPFD Equipment Support, Regional	20
Task Order No. 0004.007: Spring 2015 IMT/Data Collection Exercise, Regional	21
Task Order No. 0005.000: Oil Support Activities, Regional	21
Task Order No. 0005.002: Oil Program Support, Regional	22
Task Order No. 0006.000: Analytical Services Support, Regional	22
Task Order No. 0006.028: Chemical Safety Audits/Accident Investigations, Regional	23
Task Order No. 0007.000: West Lake Landfill, Bridgeton, Missouri	23
Task Order No. 0009.000: SW Jefferson County, Jefferson County, Missouri	24
Task Order No. 0011.000: WCLD – Old Mines, Washington County, Missouri	24
Task Order No. 0012.000: WCLD – Potosi, Washington County, Missouri	25
Task Order No. 0013.000: WCLD – Richwoods, Washington County, Missouri	26
Task Order No. 0018.000: MGE – Marshall FMGP, Marshall, Missouri	26
Task Order No. 0020.000: Northwestern Metal Company, Lincoln, Nebraska	27
Task Order No. 0021.000: Carter Carburetor – PRP-Lead Removal, St. Louis, Missouri	27
Task Order No. 0022.000: WCLD – Furnace Creek, Furnace Creek, Missouri	28
Task Order No. 0024.000: WCLD – Potosi, Potosi, Missouri	29
Task Order No. 0025.000: Valley Park TCE, Valley Park, Missouri	29
Task Order No. 0026.000: Cherokee Zinc Company, Weir, Kansas	29
Task Order No. 0027.000: Herculaneum Lead Smelter, Herculaneum, Missouri	30
Task Order No. 0028.000: RMP Inspections, Regional	30

Task Order No. 0029.000: West Hwy 6 and Hwy 281, Hastings, Nebraska	31
Task Order No. 0030.000: PCE Former Dry Cleaner, Atlantic, Iowa	31
Task Order No. 0032.000: Hwy AA TCE Wells, Jasper County, Missouri	32
Task Order No. 0035.000: Aurora Groundwater, Aurora, Nebraska	32
Task Order No. 0036.000: Products of America, Sedalia, Missouri	33
Task Order No. 0037.000: General Motors – Sioux City, Sioux City, Iowa	33
Task Order No. 0041.000: WCLD – Old Mines Removal, Washington County, Missouri	34
Task Order No. 0042.000: WCLD – Richwoods Removal, Washington County, Missouri	34
Task Order No. 0043.000: SW Jefferson County Remedial, Jefferson County, Missouri	34
Task Order No. 0044.000: Highway 3 PCE, LeMars, Iowa	35
Task Order No. 0045.000: Chicago Heights VOC Plume, Overland, Missouri	35
Task Order No. 0046.000: Radiation – Instruments and Flight Research, Wichita, Kansas	35
Task Order No. 0052.000: 5 th and Lincoln Street, Lexington, Nebraska	36
Task Order No. 0053.000: Cleburn Street Well, Grand Island, Nebraska	36
Task Order No. 0054.000: Iowa Dress Club, Oskaloosa, Iowa	37
Task Order No. 0055.000: PCE/TCE Northeast Contamination	37
Task Order No. 0056.000: PCE Southeast Contamination	38
Task Order No. 0057.000: Valley Park TCE – OU 2 (RI/FS), Valley Park, Missouri	38
Task Order No. 0058.000: West Lake Landfill, Bridgeton, Missouri	39
Task Order No. 4063.000: Beech Creek, Waynesboro, Tennessee	40
Task Order No. 0065.000: West Alton TCE Wells, West Alton, Missouri	40
Task Order No. 0067.000: LaClede Coal Gas, St. Louis, Missouri	41
Task Order No. 0070.000: Hwy 275 and 288 th Street, Valley, Nebraska	41
Task Order No. 4071.000: Industrial Products Corporation Removal, Mt. Pleasant, Tennessee	42
Task Order No. 4072.000: Rome Powerhouse, Rome, Georgia	42
Task Order No. 4074.000: CBRN Preparedness, Region 4	43

Task Order No. 0075.000: PCE Southeast RI/FS, York, Nebraska	43
Task Order No. 0076.000: Southwest Jefferson County Mining Site, Jefferson County, Missouri	44
Task Order No. 0078.000: Franklin County Lead, Franklin County, Missouri	44
Task Order No. 0079.000: Johnson County Industrial Airport, Olathe, Kansas	44
Task Order No. 4080.000: Technitronics, Inc., Casselberry, Florida	45
Task Order No. 4082.000: TVA Kingston Ash Recovery Project, Harriman, Tennessee	45
Task Order No. 0083.000: Cleburn Street Well, Grand Island, Nebraska	46
Task Order No. 0084.000: PCE Former Dry Cleaner HRS, Atlantic, Iowa	46
Task Order No. 0086.000: Osage and Walnut, Coffeyville, Kansas	46
Task Order No. 0088.000: Southwest Jefferson County Mining Site, Hillsboro, Missouri.....	47
Task Order No. 0089.000: Big River Mine Tailings, Desloge, Missouri	48
Task Order No. 0090.000: IA/NE FMGP, Norfolk, Nebraska	49
Task Order No. 0091.000: Beatrice FMGP, Beatrice, Nebraska	50
Task Order No. 0092.000: CPR Train Derailment, Balltown, Iowa	50
Task Order No. 0093.000: Omaha (ex) AF Z71, Omaha, Nebraska	51
Task Order No. 0094.000: Vienna Wells, Vienna, Missouri	51
Task Order No. 0095.000: BF Byproducts, Cabool, Missouri	52
Task Order No. 0096.000: Former United Zinc & Associated Smelters, Iola, Missouri	52
Task Order No. 0097.000: Southwest Jefferson County OU 4, House Springs, Missouri	53
Task Order No. 0098.000: Data Management, Regional	53
Task Order No. 0099.000: Caney Residential Yards, Caney, Missouri	54
Task Order No. 0100.000: El Dorado Pipeline Spill, El Dorado, Kansas.....	54
Task Order No. 0101.000: PCE Former Dry Cleaner, Atlantic, Iowa	55
Task Order No. 0102.000: PCE Chestnut Street, Atlantic, Iowa	55

Appendix

A FINANCIAL PROGRESS REPORT

TECHNICAL PROGRESS REPORT

PROGRAM MANAGEMENT ACTIVITIES

The United States Environmental Protection Agency (EPA) Contracting Officer and Project Officer, and the Tetra Tech, Inc., (Tetra Tech) Superfund Technical Assessment and Response Team (START) Program Manager communicated regularly during June 2015 to review general contract requirements and project status, as well as administrative, technical, and equipment resources. These communications ensure that the contract operates smoothly and that EPA receives optimum service.

The Tetra Tech START Program Manager, Site Assessment (SA) Manager, Response/Removal Manager, and Quality Assurance (QA) Manager met regularly to discuss project status and budgets, and to plan for upcoming project activities. The managers ensured that resources were assigned appropriately, assessment activities were integrated, and quality services were performed for EPA. They confirmed accordance of program activities with contract requirements, the contract-specific quality management plan (QMP), and the quality assurance project plan (QAPP). In addition, START project managers (PM) met with EPA task managers to discuss project activities and project-related problems and resolutions.

Staffing/Subcontracting

Along with the Tetra Tech professional staff, personnel from a team subcontractor of Tetra Tech—Seagull Environmental Technologies, Inc.—provided support for the contract. Non-team subcontractors and vendors were also procured in accordance with applicable federal acquisition regulations to facilitate various Tetra Tech START activities.

Equipment

- ☐ Team subcontractor Eagle Instruments, Inc., provides long-term leased equipment to Tetra Tech, including state-of-the-art instruments that assist START personnel with response, removal, and assessment.
- ☐ Tetra Tech START maintains government-furnished equipment—including a mercury vacuum, self-contained breathing apparatus, and other items.
- ☐ Tetra Tech START keeps maintenance and logbook schedules for each piece of equipment to ensure its proper maintenance and availability for use at any time.
- ☐ To save on vehicle rental costs, Tetra Tech START leases vehicles on a long-term basis to support ongoing projects.

- Tetra Tech START obtains data from local vendors and subcontractors (rental equipment, analytical laboratories, and so on) to ensure the best service and competitive pricing.

Quality Assurance

Tetra Tech START members have implemented contract activities in accordance with the START Region 7 QMP and QAPP. START also developed the START Region 7 emergency response plan (ERP) and trained its staff on response protocol to carry out response activities as quickly and effectively as possible. The ERP was implemented by responders in the Kansas City and St. Louis offices.

Health and Safety

Contract activities continue to comply with EPA and Occupational Safety and Health Administration (OSHA) requirements, when applicable. Tetra Tech START responders are trained properly in special requirements: nuclear, biological, and chemical (NBC) responses; level A personal protective equipment (PPE); and confined-space entry.

Training

Tetra Tech START held and participated in brownbag training sessions and exercises during June 2015.

Project Highlights

EPA Region 7 Spring 2015 Incident Management Team (IMT)/Data Collection Exercise Kansas City, Missouri

This two-day exercise, conducted May 26-27, 2015, involved a scenario of response to large supercells that moved through the Kansas City and St. Louis metro areas and spawned a series of Enhanced Fujita (EF)-2 and EF-3 tornadoes. Heavy damage was reported in areas of Johnson and Wyandotte Counties in Kansas, as well as Clay, Jackson, Platte, and St. Louis Counties in Missouri. Sporadic tornado touchdowns throughout these counties resulted in widespread damage to local infrastructure, commercial/industrial facilities, and residential neighborhoods. The exercise was designed by START to enable EPA Region 7 On-scene Coordinators (OSC) to utilize newly developed electronic tools for collection, transfer, and display of field data. Although the



exercise involved response to a large natural disaster, the tools used during the exercise are also directly applicable to other assessment and response activities typically conducted by EPA Region 7. The primary objectives of the exercise were to:

- ☐ Increase familiarity with technologies available to field responders, IMTs, and EPA management for gathering, reporting, and viewing incident information.
- ☐ Demonstrate capabilities and utility of the Region 7 Planning and Response Viewer (Flex Viewer) during IMT operations.
- ☐ Test systems and identify improvements needed to promote information sharing and informed decision making.



IMT members staffed a Continuity of Operations (COOP) facility and engaged in functional exercise activities (e.g., management-level decision making, information sharing, response planning, etc.) based on the scenario, assessment data collected by players in the field, and simulated events (injects) received from exercise Controllers (START). Four Field Reconnaissance (Recon) Teams—three in the Kansas City area and one in the St. Louis area—were deployed to chemical-handling facilities to conduct damage assessments using mobile forms/devices. Additionally, one Field Response Team conducted air monitoring operations using the EPA Environmental Response Team's Viper system at two simulated incidents involving releases of hazardous materials. All field data collected via mobile forms and monitors were provided in near-real-time to IMT personnel.

Mercury-South Kendall Drive, Independence, Missouri

START and EPA conducted emergency response activities at the Mercury – South Kendall Drive site in Independence, Missouri, on May 30, 2015, to address a spill of elemental mercury in a residence. The spill had occurred when a sphygmomanometer (blood pressure monitor) fell from a shelf in the master bedroom closet. The Independence Fire Department had responded, conducted



limited cleanup activities, and notified EPA for further assistance.

During the response, START and EPA conducted real-time air monitoring for mercury vapors, and cut a section of carpet and pad (about 2 by 3 feet) from the area in the bedroom where the spill had occurred earlier that day. After all free elemental mercury had been removed from the house, the residence was ventilated to reduce mercury vapor concentrations in the breathing zone. No household items (clothes, bedding, etc.) were determined to be contaminated as a result of the spill.



START and EPA returned to the site on June 1, 2015, to conduct follow-up real-time air monitoring, and found mercury vapor levels in the breathing zone below the action level of 1,000 nanograms per cubic meter (ng/m^3) in all areas of the house. The property owners disposed of bagged investigation-derived waste (IDW) as non-hazardous waste, and transported recovered elemental mercury

(approximately 2 tablespoons) to the Lee's Summit, Missouri, Household Hazardous Waste (HHW) collection facility for disposal/recycling.

Financial Information

During the reporting period, EPA issued two new site-specific TOs and two new subtasks to the contract. Relevant and required contract procedures were followed in implementing TOs. A cumulative amount of \$16,286,028.99 has been obligated since inception of the contract base period. During the reporting period, approximately 5,762 hours and \$493,077.86 were charged against the contract. The average fully-loaded rate for the period was \$85.57/hour. The fully-loaded rate includes all labor, travel, other direct costs (ODC), and subcontractor costs associated with fixed-rate projects for the period.

PROJECT SUMMARIES

Task Order No. 0001.000: Emergency Response Activities, Regional

Status: Open

Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to implement a notification system enabling EPA to contact an emergency response (ER) team directly via cellular telephone in an emergency. This has been established and includes two responders on call 24 hours a day, 7 days a week—in both the Kansas City, Missouri (KCMO), and St. Louis, Missouri (MO), offices. All core response staff have met applicable OSHA training requirements and know response-related procedures and equipment. They are also familiar with the Incident Command System (ICS), counter-terrorism (CT) activities, clandestine drug labs, and other possible ER scenarios.

- ☐ The primary responder is a more experienced responder who is the PM for a given response.
- ☐ The secondary responder is a more junior staff member who assists in response activities as needed.

The response teams are ready to assist EPA with all phases of ERs, including notification, assessment, sampling and analysis, recovery, general technical support, preparation of summary reports, and any one or all of the 52 tasks listed in the contract Performance Work Statement (PWS) under “A: Response.” START responders received an ER manual developed by START that addresses policies and procedures pertaining to ERs. Under this TO, START also maintains the readiness state of leased equipment and government-furnished property at the START warehouse, as well as EPA equipment at the Region 7 Training and Logistics Center (TLC) in KCMO, and at the EPA warehouse in Fenton, MO.

Task Order No. 0001.007.004: Former Twin State Battery & Charger, Newton, North Carolina

Status: Open

EPA tasked Tetra Tech START to conduct an ER involving improper use of waste water from an underground storage tank (UST) at 2625 North Stewart Avenue in Newton, North Carolina. The waste water had been generated from cleaning of forklift batteries. North Carolina Department of Environment and Natural Resources (NCDENR) previously had issued violations for misuse of hazardous materials while the business was operational. The business was evicted by the property owner for failure to maintain lease

payments in December 2013. During NCDENR response activities, the UST was observed to hold approximately 4 feet of wastewater. NCDENR Hazardous Waste Section (HWS) utilized an x-ray fluorescence (XRF) spectrometer to screen sludge collected from the UST. Results indicated elevated levels of lead and chromium. Based on XRF screening results and the financial problems of the responsible owner, NCDENR requested support from EPA. The EPA OSC subsequently requested that Tetra Tech START provide technical support. EPA also requested support from Emergency and Rapid Response Services (ERRS) contractor ERL to conduct removal activities.

Tetra Tech START arrived at the site on May 6, 2014, and conducted ER activities that day. Tetra Tech START was tasked with: (1) providing technical support to EPA during the ER, (2) generating written and photographic documentation of response activities, (3) conducting a removal site evaluation (RSE) by screening soil using an XRF spectrometer, and (4) collecting soil/wastewater samples at the site.

During the June 2015 reporting period, Tetra Tech START corresponded with project staff and the EPA Task Monitor, conducted editorial and quality control (QC) reviews of the removal action (RA) report, completed and submitted the draft RA report, and conducted project management and Removal Cost Management System (RCMS) cost tracking activities.

Task Order No. 0001.007.010: Emergency Preparedness, Region 4
Status: Open

EPA tasked Tetra Tech to conduct readiness support activities to maintain readiness of the Region 4 START and EPA response team under the Region 7 START contract. Activities were to include maintenance of equipment and supplies, participation in exercises and drills, and facilitation of trainings and exercises, as directed by EPA.

No activities occurred during the June 2015 reporting period.

Task Order No. 0001.018: El Dorado Pipeline Spill, El Dorado, Kansas
Status: Open

EPA tasked Tetra Tech Region 7 START to respond to a diesel pipeline spill in El Dorado, Kansas. START provided technical assistance for oil spill response activities at the site from

May 4 through 6, 2015. The spill had occurred when a 10-inch diesel pipeline operated by Magellan Midstream Partners, LLC split just north of Magellan's El Dorado Terminal. The spill was reported in the early morning hours of May 4, 2015. A pressure drop on the pipeline was noted, and visual inspection revealed that a release had occurred, resulting in a release of diesel fuel to nearby Constant Creek. Spill response contractors for Magellan were mobilized and began oil spill containment and recovery actions. Those actions involved construction of underflow dams, deployment of boom, and collection of diesel fuel. Magellan also performed air monitoring to protect workers, as well as to determine impacts on ambient air quality within the spill area. No air quality readings above applicable standards were noted. During the response, START oversaw and documented site activities. Followup START activities associated with the response were conducted under Task 0100.

Task Order No. 0001.019: Mercury – South Kendall Drive, Independence, Missouri
Status: Open

EPA tasked Tetra Tech Region 7 START to respond to a residence in Independence, Missouri, where a release of elemental mercury had occurred from a broken sphygmomanometer (blood pressure monitor). START conducted real-time air monitoring for mercury vapors in the residence and assisted EPA with minor containment activities to address the spill. A small section of carpeting was removed near a closet in the master bedroom where the sphygmomanometer had fallen from a shelf and broken, resulting in the mercury spill. A high-volume exhaust fan was then used to ventilate the house until mercury vapor concentrations were below the action level of 1,000 ng/m³ in the breathing zone. The elemental mercury recovered from the residence (approximately 2 tablespoons) was later taken to a nearby HHW collection facility by the property owner for disposal/recycling. A summary report has been submitted to EPA.

Task Order No. 0002.000: CERCLA Assessment Activities, Regional
Status: Open
Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to conduct various Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) assessment activities, including the following:

- ☐ Pre-Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) screening assessments—involving background research, file reviews, and limited

sampling to determine whether the site warrants entry into CERCLIS, whether a removal action (RA) is appropriate, or whether additional assessment is necessary

- ☐ Preliminary assessments (PA), according to the Office of Solid Waste and Emergency Response (OSWER) Directive 9345.0-01A, *Guidance for Performing Preliminary Assessments Under CERCLA*, dated September 1991
- ☐ Site inspections (SI), according to EPA/540-R-92-021, *Guidance for Performing Site Inspections Under CERCLA*, dated September 1992
- ☐ Combined PA/SIs
- ☐ SI prioritizations, according to OSWER Directive 9345.1-15FS, *Site Inspection Prioritization Guidance*, dated August 1993
- ☐ Integrated site assessments (ISA), according to OSWER Short Sheet 9345.16FS, "Integrating Removal and Remedial Site Assessment Investigations," dated September 1993
- ☐ Expanded site inspections (ESI) that are addressed in the aforementioned SI guidance document
- ☐ Subsequent analytical services as needed to acquire data necessary to complete any project included in this TO
- ☐ Any one or all of the 25 specific tasks listed in the contract PWS under C: Assessment.

START has personnel trained and experienced in all these assessment activities, and competent to respond efficiently to EPA as needed. Various support activities are being implemented under this TO.

Task Order No. 0002.011: Stakeholder Pb Data Sharing, Regional
Status: Open

No technical activity occurred during the June 2015 reporting period. START contacted EPA regarding the TO, and awaits further instruction from the EPA Task Monitor regarding this project.

Task Order No. 0002.018: Ogallala Groundwater – Source Investigation, Ogallala, Nebraska
Status: Open

EPA tasked Tetra Tech START to support ongoing remedial activities by conducting extensive groundwater sampling to identify potential contributing source areas at the Ogallala Groundwater contamination site, Operable Unit (OU) 1. START was to conduct groundwater sampling to identify source areas within the known footprint of the Ogallala Groundwater OU 1 groundwater

plume—including sampling at Humphrey Auto Sales, Ogallala Recycling, the former Ogallala City Dump, Trichloroethene (TCE) Potential Spill Area, Grain Elevator 1, Grain Elevator 2, and an industrial area at River and Spruce Streets. Technical efforts at these potential source areas were to include various stages of investigation from PA to ESI. In October 2013, START began preparation of a QAPP for the groundwater investigation. City officials were contacted to obtain maps of sewer, water, and property lines. The QAPP for groundwater sampling was submitted to EPA for review on November 13, 2013. During January 2014, START collected groundwater samples at 48 direct-push technology (DPT) locations throughout the City of Ogallala. Data were received in February, and START began to tabulate the information. Data regarding sample locations, depths, and concentrations were sent to graphics personnel who then began work on a 3-dimensional visualization. Coordinates of existing monitoring wells obtained from the potentially responsible party (PRP) group were to be added to the visualization and figures. During March 2014, split sample data were received from the responsible party consultant, Stantec. These data were entered into a spreadsheet and compared to the results generated by the EPA laboratory. The final report of findings from the sitewide investigation was delivered to EPA on June 17, 2014. Development of other reports regarding specific potential source areas continued.

During the June 2015 reporting period, START continued preparing a report regarding the former city dump site and the grain storage facilities.

Task Order No. 0002.019: Brownfields Umbrella, Regional
Status: Open

EPA tasked Tetra Tech START to assist the TBA program that addresses abandoned, idle, or underused industrial and commercial facilities. Assessments were to accord with EPA 540-F-96-028, entitled *Guidance for Performing Site Inspections Under CERCLA*, and with other applicable guidance documents. Primary objectives of the assessments were to determine the nature and extent of on-site contamination, assess risks posed by the contamination, develop potential cleanup alternatives, and estimate costs of cleanup options for site redevelopment.

Task Order No. 0002.019.005: Winnebago Tribe, Old Town Dump, Winnebago, Nebraska

Status: Open

EPA tasked Tetra Tech START to perform a Phase I and Phase II ESA of the property. START was to submit a completed Property Profile Form (PPF) for the property as part of the Phase II ESA Report. The site may include a lift station, and if the Winnebago Tribe decides to have an asbestos survey and lead-based paint (LBP) survey performed, START may be asked to undertake those activities. The Phase I ESA was to identify any recognized environmental conditions (REC) in accordance with ASTM International (ASTM) Standard E 1527-13, *Standard Practice for Phase I Environmental Site Assessments*, and include an inventory of household hazardous waste and hazardous waste identified at the site. The Phase II ESA was to further assess the site in accordance with ASTM Standard E 1903-97-11, *Standard Guide for Phase II Environmental Site Assessments*.

During the June 2015 reporting period, START conducted Phase II sampling activities.

Task Order No. 0002.019.006: St. Louis Land Revitalization Authority Pruitt Igoe Site, St. Louis, Missouri

Status: Open

EPA tasked Tetra Tech START to revise the Tier I Risk Assessment report regarding the former Pruitt Igoe Housing Complex. START was also tasked to prepare an Analysis of Brownfields Cleanup Alternatives (ABCA) and Soil Management Plan for this site.

During the June 2015 reporting period, START conducted project management activities.

Task Order No. 0002.019.007: Howardville Multi-Purpose Center, Howardville, Missouri

Status: Open

EPA tasked Tetra Tech START to conduct a Phase II ESA of the Howardville Multi-Purpose Center site in Howardville, MO. In August 2014, START prepared a QAPP for the Phase II ESA sampling. Per a conversation with the EPA Project Manager, a QAPP addendum also was to be completed to include additional sampling activities at the site. The QAPP addendum was submitted on September 15, 2014, and a revised QAPP was

submitted on September 25, 2014. Phase II ESA activities were conducted during the November 2014 reporting period, including a structural analysis of the building and collection of soil, groundwater, and building material samples.

EPA requested revisions to the Phase II ESA report and the ABCA, based on Brownfields Cleanup Grant restrictions that had been imposed by the City of Howardville. Those revisions were completed during the June 2015 reporting period.

Task Order No. 0002.019.008: Old Gas Station and Radiator Shop, Pasadena Hills, Missouri
Status: Open

EPA tasked Tetra Tech START to conduct a Phase I and Phase II ESA at this former service station.

During the June 2015 reporting period, START submitted a QAPP in preparation for the Phase II investigation.

Task Order No. 0002.019.009: NCMRWC – MODOT Property 3E05, Sullivan, Missouri
Status: Open

EPA tasked Tetra Tech START to conduct a Phase I and Phase II ESA of Missouri Department of Transportation (MODOT) Property 3E05 in Sullivan County, MO, for the North Central Missouri Regional Water Commission (NCMRWC). The Phase I was to consist of reviewing site files and historical background information, interviewing prospective landowners, and conducting a site walk. During the December 2014 reporting period, START began reviewing available site files and historical documents, and began preparations for the Phase I ESA.

In May 2015, START submitted the Phase I ESA report to EPA. The Phase I ESA report recommended no further action at the NCMRWC MODOT property, thus precluding plans for Phase II activities.

No technical activity occurred during the June 2015 reporting period, and no further work is anticipated under this subtask.

Task Order No. 0002.019.010: Former Weir Zinc Site, Pittsburg, Kansas
Status: Open

EPA tasked Tetra Tech START to conduct a Phase I and a Phase II ESA at the former Weir City Zinc site in Pittsburg, Kansas (KS). The Phase I ESA was to identify RECs to the subject property. The Phase II ESA was to include sampling for LBP and collection of samples from various surfaces, materials, and debris suspected to contain asbestos within any existing site structure(s). In addition, the Phase II work was to include sampling to fill data gaps from previous investigations at the site. Following the Phase II ESA, START was to prepare an ABCA for the site based on possible future uses of the site and sampling results.

During the May reporting period, START submitted the Phase I ESA and the Phase II QAPP to EPA. In response to a Kansas Department of Health and Environment (KDHE) comment on the Phase II QAPP, EPA asked START to include in the document information regarding collection of samples to undergo toxicity characteristic leaching procedure (TCLP) analysis. These data were to be used to support the ABCA included in the final report.

During the June 2015 reporting period, START resubmitted the Phase II QAPP to address the KDHE comment regarding TCLP analysis.

Task Order No. 0002.019.011: Winnebago – Harden and Cedar Properties, Winnebago, Nebraska
Status: Open

EPA tasked Tetra Tech START to conduct a Phase I and Phase II ESA of the property. The Phase I ESA was to identify any RECs to the subject property in accordance with ASTM Standard E 1527-13, *Standard Practice for Phase I Environmental Site Assessments*, and to inventory household hazardous waste and other hazardous waste identified at the site. The Phase II ESA was to further assess the site, including confirming or eliminating any RECs identified during the Phase I ESA, in accordance with ASTM Standard E 1903-97-11, *Standard Guide for Phase II Environmental Site Assessments*.

During the June 2015 reporting period, START conducted Phase II sampling activities.

Task Order No. 0002.019.012: St. Louis Development Corporation, St. Louis, Missouri

Status: Open

EPA tasked Tetra Tech START to conduct Phase I ESAs and Phase II ESAs focused on petroleum substances at four sites on behalf of the St. Louis Development Corporation (SLDC). The sites are at the following locations in St. Louis, MO: 2801 Lafayette, 5908-5926 N Broadway, 6101 Michigan, and 2255 California. These sites were formerly used as filling stations or for commercial and/or industrial uses. START was to perform Phase I and Phase II ESAs at the four sites, as well as LBP investigations and asbestos sampling of various surfaces, materials, and debris in the buildings. This project possibly would include removal of USTs at some of the sites, which would require sampling of soil beneath the tanks and possibly of material within the tanks. START was requested to meet with the SLDC managers, EPA Region 7 staff, and the EPA ERRS Contractor to discuss histories of the sites, scopes of the Phase I and Phase II ESAs, and potential or planned future site uses. A Phase I and Phase II ESA report was to be prepared regarding each site, and a completed Property Profile Form was to be submitted with each final report. A Tier One Risk Assessment of each property for possible future development was also to be completed.

As of the June 2015 reporting period, START had submitted three of the Phase I reports—regarding the 5908-5926 North Broadway site, the 6101 Michigan site, and the 2801 Lafayette site. The Phase I report regarding 2255 California was under preparation. Once all four Phase I reports have been reviewed and approved by EPA and SLDC, START will draft a QAPP detailing activities and sampling to occur during the Phase II ESAs.

Task Order No. 0002.019.013: City of Burlington – Armory and Depot Properties, Burlington, Iowa

Status: Open

EPA tasked Tetra Tech START to conduct Phase I ESAs of two separate sites in Burlington, Iowa. One site was historically used as a military armory, and the other was a train depot. START was to prepare separate Phase I reports regarding each property, prepare and submit a QAPP and a health and safety plan (HASP) for Phase I sampling

activities, perform an LBP survey and asbestos survey at each site, and prepare separate LBP and asbestos-containing material (ACM) reports regarding each site.

During the June reporting period, START submitted Property Profile Forms for the armory and depot sites to EPA Region 7.

Task Order No. 0002.019.014: NCMRWC Building Assessments (7 Parcels), Milan, Missouri
Status: Open

EPA tasked Tetra Tech START to conduct Phase II Targeted Brownfields Assessments (TBA) of seven properties (also referred to as "subject properties") associated with the planned development of East Locust Creek Reservoir. The planned reservoir and subject properties are in Sullivan County, Missouri. The East Locust Creek Reservoir project is led by NCMRWC. The scope of the Phase II TBA was to include inspections of the structures on the seven properties for presence of ACM. Suspected ACM was to be sampled to quantify asbestos therein. The Phase II TBA was to include an inventory of HHW at the properties.

During the June reporting period, Phase II sampling activities were completed. START also began preparing of a Phase II TBA report summarizing sampling activities and findings.

Task Order No. 0002.019.015: KCMO Municipal Farms, Kansas City, Missouri
Status: Open

EPA tasked Tetra Tech START through the TBA program to assist the City of Kansas City, MO with the following services for the Municipal Farm priority development areas:

1. Perform a geotechnical investigation to: (a) develop site geological profiles; (b) acquire other information necessary to determine suitability or unsuitability of priority areas for grading, cultivation, and support of structural improvements and infrastructure (roads, buildings, etc.); and (c) otherwise help develop more refined estimates of the areal extent of developable land.
2. At sites where soil cultivation is recommended, conduct soil coring and analyses to determine specific soil characteristics, including an analysis of agronomic parameters and depths and qualities of available topsoil.

3. Investigate groundwater resources to estimate availability, quality, and potential rates of production of groundwater at the site as a potential economical source of irrigation for agricultural uses.
4. Investigate local hydrology to estimate direction, rate, and volume of precipitation and stormwater on site to assist with planning and design of green infrastructure and possible water storage features for priority site development.
5. Conduct a survey of the areal extent and conditions of the former Botsford Mine to determine conditions and stability of the mine; to clearly delineate the land surface area that overlays the mine; to identify potential sink holes, collapses, and danger zones; and otherwise to identify areas that may and may not be safely used and developed.
6. Update the *Infrastructure Analysis of Municipal Farm* by mapping exact locations and determining conditions of on-site and off-site public and regulated utilities infrastructure.

During the June 2015 reporting period, an initial meeting with EPA involved discussion of the scope of work. During the meeting, it was decided that item 6 would not be included in the scope of work because future development plans had not been determined. START also developed an independent cost estimate for Tasks 1 through 5.

Task Order No. 0002.027: South 38th Street and Fairbanks Avenue, Kansas City, Kansas
Status: Open

EPA tasked Tetra Tech START to conduct a PA at the South 38th Street and Fairbanks site in Kansas City, KS, and to prepare a Hazard Ranking System (HRS) scoring memorandum. In July 2014, Tetra Tech START contacted the EPA task monitor to request existing site files, and EPA requested additional information on the site from KDHE. START subsequently downloaded all available KDHE documents from its website for review. In August 2014, START conducted a site reconnaissance. In September 2014, START submitted a QAPP to EPA.

During the June 2015 reporting period, Tetra Tech START continued preparing the PA report.

Task Order No. 0002.028: Kansas Avenue Solvent Tanks, Kansas City, Kansas
Status: Open

EPA tasked Tetra Tech START to conduct a PA at the Kansas City Solvent Tanks site in Kansas City, KS, and to prepare an HRS scoring memorandum. During the July 2014 reporting period, Tetra Tech START contacted the EPA task monitor to request existing site files, and EPA

requested additional information on the site from KDHE. START subsequently downloaded all available KDHE documents from its website for review. In August 2014, START conducted a site reconnaissance. In September 2014, START submitted a QAPP to EPA.

During the June 2015 reporting period, Tetra Tech START continued preparing the PA report.

Task Order No. 0002.029: Walker (ex) AFB, Walker, Kansas
Status: Open

EPA tasked Tetra Tech START to conduct a PA at the Walker (ex) Air Force Base (AFB) in Walker, KS, and to prepare an HRS scoring memorandum. In July 2014, Tetra Tech START contacted the EPA task monitor to request existing site files, and EPA requested additional information on the site from KDHE. START subsequently downloaded all available KDHE documents from its website for review.

During the June 2015 reporting period, START reviewed analytical data from the April 2015 PA sampling event.

Task Order No. 0002.030: KCS&R on Guinotte, Kansas City, Missouri
Status: Open

EPA tasked Tetra Tech START to conduct a PA at the former Kansas City Smelting & Refining (KCS&R) site on Guinotte Avenue in Kansas City, MO. Historical data indicate that former site operations included a lead furnace and lead pipe casting. The site currently operates as The Yard River Market Cross-Fit training facility, which includes activities for children. Project tasks for START were to include the following: review of existing site documents and reports, preparation of site-specific QAPP and HASP, acquisition of access permission from the property owner for assessment activities, collection of soil and interior dust samples for analysis, and preparation of a PA trip report.

START completed the site-specific HASP on May 27, 2015. Field work was conducted on June 1, 2015. During the next reporting period, START will begin preparing the PA report.

Task Order No. 0002.031: MLK Parkway, Des Moines, Iowa
Status: Open

EPA tasked Tetra Tech START to conduct a PA at the former dry cleaning site in Des Moines, Iowa. Reports from previous investigations were to be reviewed, and a QAPP describing anticipated sampling activities was to be developed. Upon finalization of the QAPP, a schedule was to be established for sampling activities.

Sampling activities were conducted on May 19 and 20, 2015. The 10 soil samples and 8 water samples that were collected were delivered to the Region 7 EPA laboratory on May 21, 2015. Fewer groundwater samples were delivered to the laboratory than planned because enough groundwater to sample had not been encountered at all proposed sampling locations.

During the June 2015 reporting period, sample results were received and START began preparing a PA report.

Task Order No. 0002.032: Tanglefoot Lane, Bettendorf, Iowa
Status: Open

EPA tasked Tetra Tech START to assist with a PA/SI at the Tanglefoot Lane site in Bettendorf, Iowa. The site is a disposal area formerly used by multiple local waste generators, and believed to be a source of chlorinated volatile organic compounds (VOC) in groundwater based on previous sampling results. Reports from previous investigations were to be reviewed, and a QAPP describing anticipated sampling activities was to be developed. Upon finalization of the QAPP, a schedule was to be established for the sampling activities.

During the June 2015 reporting period, START continued preparing a QAPP for PA/SI activities.

Task Order No. 0002.033: Lincoln (ex) Radio Beacon Annex, Martell, Nebraska
Status: Open

EPA tasked Tetra Tech START to conduct an Abbreviated Preliminary Assessment (APA) at the Lincoln (ex) Radio Beacon Annex (RBA) that was to include collecting five soil samples and one water supply sample at the site, as well as four water supply samples at nearby homes.

During the June reporting period, START received approval of the QAPP. Field work is anticipated to occur during the July or August reporting period.

Task Order No. 0003.000: Preparedness/Prevention Activities, Regional

Status: Open

Period of Performance: 07/01/13 to 06/10/16

EPA tasked Tetra Tech START to assist activities involving special preparedness issues and responsibilities, including the following:

- *Counter-Terrorism/Domestic Preparedness and Prevention*—Tasks to increase the awareness and preparedness of federal, state, and local responders relating to threats posed by NBC, incendiary, and explosive terrorist acts.
- *Contingency Planning*—Development of contingency plan exercises, compilation of response resources, acquisition of environmentally sensitive area location information, plume modeling, and provision of technical support to state or local response organizations for formulating contingency plans.

START has personnel trained and experienced in all these functions, and competent to respond efficiently to EPA as needed.

Task Order No. 0003.001: Emergency Response Data Quality Review, Regional

Status: Open

EPA tasked Tetra Tech START to review facility data sources for regional accuracy and applicability to support ER efforts. A team of EPA Region 7 representatives from various programs, along with representatives from EPA Headquarters (HQ), has formed to review data sources in order to identify data gaps and areas for improvement. START has been tasked by this group to support it in various ways—from providing review of data and suggestions for improvement, to analyzing procedures, to furnishing Geographic Information System (GIS) subject matter expertise. START is conducting a thorough data review of the “universe” of facility information readily available to START GIS personnel.

No technical activity occurred during the June 2015 reporting period.

Task Order No. 0003.003: Subarea Support, Regional

Status: Open

EPA tasked Tetra Tech START to provide sub-area (SA) support for the seven SAs developed within EPA Region 7. During the June 2015 reporting period, START completed updates to the Region 7 Regional Integrated Contingency Plan (RICP) and provided a final draft of the plan to

EPA for review. For the Siouxland SA, START attended a meeting of the Siouxland SA Committee in Spirit Lake, Iowa, and recorded the meeting minutes. START also worked with EPA to update the Region 7 Regional Response Team (RRT) contacts list and prepare spreadsheets to populate the RRT website (osc.org page). For the Omaha/Council Bluffs (O/CB) SA, START completed development of a web-based mapping application similar to the “flex viewers” used in other SAs. Additionally, START continued the plan update process for the O/CB Contingency Plan, last updated in 2009. For the South-Central Nebraska SA, START conducted maintenance and database updates to the SA’s flex viewer. Finally, general support hours were charged by GIS personnel to develop a comprehensive list of data sources used in various web-based flex viewer applications operated for ER and planning purposes.

Task Order No. 0003.005: Chem EO Workgroup, Regional
Status: Open

On August 1, 2013, President Obama signed the Chemical Facility Safety & Security Executive Order (Chem EO) to improve safety and security of chemical facilities and reduce risks from hazardous chemicals to workers and communities. A Chem EO Workgroup was assembled with representation from federal and state emergency planning, preparedness, and response organizations across the Region. EPA tasked Tetra Tech START to provide administrative and technical support for the Chem EO Workgroup activities, including: assisting with coordination of Chem EO Workgroup meetings and conference calls; documenting Chem EO Workgroup meetings, conference calls, and other events; consolidating and maintaining any supporting documents or materials (standard operating procedures [SOP], pamphlets, outreach materials, etc.) provided by Workgroup members in support of the EO, and posting these to the Chem EO share-site at www.epaosc.org/chemeo7; photo-documenting meetings or other events (if requested by the EPA Task Monitor); assisting with preparing and editing procedural documents related to planning and implementation of Chem EO initiatives developed by the Workgroup; and assisting with development and maintenance of Chem EO website resources and applications, which will be populated on the share site at www.epaosc.org/chemeo7.

During the June reporting period, START participated in two teleconference meetings of the Chem EO Workgroup, developed draft meeting minutes, and distributed minutes to workgroup members for review.

Task Order No. 0004.000: Technical Support Activities, Regional

Status: Open

Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to provide technical support /assistance activities that include the following:

- ☐ General Technical Support—Identification, analysis, and recommendation for implementing emerging technologies, along with provision of information and recommendations pertaining to program currency and improvements
- ☐ Site Discovery Programs—Determinations (as required) whether additional SA activities are warranted, including acquisition and review of site documents and other information that would be used to evaluate any threats posed by a site
- ☐ Any one or all of the 86 specific tasks listed in the contract PWS under D: Technical Support.

START has personnel trained and experienced in all these functions, and competent to respond efficiently to EPA as needed. Various support activities are occurring under this TO.

Task Order No. 0004.002: ER/CT Support, Regional

Status: Open

EPA tasked Tetra Tech START to provide technical assistance, as needed, with activities involving CT response. This possibly would include planning operations to support the EPA Region 7 Superfund program with ER/CT activities. Activities under this TO were to be specified and managed by the EPA TO monitor, and were to be discussed in monthly reports.

During the June 2015 reporting period, START conducted weekly operational checks of EPA's core ER/CT response equipment with EPA responders, performed maintenance on EPA response equipment, updated/prepared Equipment Operating Guides, provided support for work with the Comprehensive Emergency Response Equipment Tracking System (CERETS) and Equipment Tracking Module (ETM) as necessary, and conducted general TO management activities.

Task Order No. 0004.003: ER/SPFD Equipment Support, Regional

Status: Open

EPA tasked Tetra Tech START to provide support for equipment maintenance of government-owned property or equipment that is not government-furnished property (GFP). An inventory of equipment and associated parts, maintenance records, equipment checkout, etc., is maintained on

a daily basis to ensure that appropriate databases are current. START maintains and/or calibrates all equipment in conformance to manufacturer's recommendations, and records the maintenance in the inventory system within 24 hours of completion. START also receives and inspects all incoming equipment and associated materials, and ensures that the equipment is ready and available for emergency response.

Task Order No. 0004.007: Spring 2015 IMT/Data Collection Exercise, Regional
Status: Open

EPA tasked Tetra Tech START to develop an exercise for EPA Region 7 OSCs involving use of the Region 7 Flex viewer application for emergency response activities. The exercise was conducted May 26-27, 2015. The exercise was designed so that an IMT could utilize the Flex Viewer tools to make decisions regarding incidents potentially impacting human health and the environment resulting from a tornado outbreak in the Kansas City and St. Louis areas. START also implemented use of mobile data acquisition devices (iPads) that field teams used to record damage assessment information along simulated tornado paths. These devices were configured to enable use of applications to access incident-specific maps and digital forms for the field teams to complete. Those applications allowed near-real-time access to field-acquired data by the IMT. Finally, START tested web-based tools (Viper system, etc.) to rapidly relay real-time air monitoring results obtained during evaluation of airborne releases from facilities damaged by tornados.

During the June 2015 reporting period, START met with the EPA task organizers to discuss after action items to be addressed. START also began development of an after action report to summarize exercise activities, successes, and issues warranting follow-up action.

Task Order No. 0005.000: Oil Support Activities, Regional
Status: Open
Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to assist activities relating to the oil program in accordance with Section 311(j)(5) of the Clean Water Act and Section 2101 of Title 46, *Code of Federal Regulations* (CFR):

- ☐ *Oil Spill Response Activities*—Provision by Tetra Tech START of a staff of personnel trained for timely response to releases of petroleum-related materials. The team will respond to any incident 24 hours a day, 7 days a week

- ☐ *Spill Prevention, Control, and Countermeasures (SPCC) Activities*—Facility surveys and inspections of SPCC plans by Tetra Tech START to determine compliance with EPA oil pollution prevention regulations
- ☐ *Facility Response Plan (FRP) Reviews*—Inspections of FRPs to determine compliance with EPA oil pollution prevention regulations
- ☐ *Contingency Planning*—Development of contingency plan exercises, compilation of response resources, acquisition of environmentally sensitive area location information, plume modeling, and provision of technical support to state or local responses
- ☐ *Organizations*—Support organizations that develop specific contingency plans related to EPA's oil program.

START has personnel trained and experienced in all these functions, and competent to respond efficiently to EPA as needed.

Task Order No. 0005.002: Oil Program Support, Regional
Status: Open

Tetra Tech START was tasked by EPA to provide assistance, as needed, with any oil/OPA-related activities listed in the START 4 Statement of Work (SOW). These activities may include, but would not be limited to: SPCC and FRP inspections and plan reviews; OPA-related exercises, outreach, and training activities; operation and maintenance of oil response equipment; spill response planning; and database management tasks.

During the June 2015 reporting period, no START activities occurred.

Task Order No. 0006.000: Analytical Services Support, Regional
Status: Open
Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to provide analytical services support for all START projects. This support involves subcontracting laboratories that furnish services such as specialized analyses and quick turnaround times. The TO includes the following:

- ☐ Conduct project planning and support.
- ☐ Research additional subcontract laboratories for inclusion on the pre-qualified laboratory list.
- ☐ Update existing pre-qualified laboratory certifications.

- ☐ Prepare and submit quarterly reports.
- ☐ Evaluate and track laboratory QA and QC procedures.
- ☐ Perform one on-site audit of a pre-qualified laboratory.

Laboratory services procured during June 2015 are described in detail in the START 4 Analytical Services Quarterly Report.

**Task Order No. 0006.028: Chemical Safety Audits/Accident Investigations, Regional
Status: Open**

EPA tasked Tetra Tech START to conduct Clean Air Act (CAA) risk management plan (RMP) inspections at selected facilities within EPA Region 7. This work had been mistakenly tasked to START under the Analytical Support Umbrella and may be re-tasked at EPA's discretion.

No technical activity occurred during the June 2015 reporting period.

**Task Order No. 0007.000: West Lake Landfill, Bridgeton, Missouri
Status: Open
Period of Performance: 06/20/13 to 06/10/16**

EPA originally tasked Tetra Tech START to procure a laboratory to analyze 24 groundwater samples for isotopic thorium, isotopic uranium, radium-226, and radium-228. Laboratory procurement was completed, and sampling occurred during the week of July 8, 2013, with an additional sample collected on July 18, 2013.

In May 2015, this TO was modified, tasking START to procure additional, more specialized laboratory support. Specifically, START was tasked to procure laboratory analytical services for pyrolytic radiological testing methods for soil samples, and to assist EPA in developing data quality objectives (DQO) for these analyses; to obtain the appropriate sample material from the PRP; and to coordinate with the National Analytical Radiation Environmental Laboratory (NAREL) for quality assurance (QA) support, as necessary. START met with the EPA OSC, EPA Remedial Project Manager (RPM), and other EPA technical support personnel, and began communications with multiple laboratories to determine potential analytical methods for meeting project objectives.

During the June 2015 reporting period, START coordinated with EPA on development of draft DQOs, and identified a laboratory that appears capable of the type of soil core testing necessary to meet the

DQOs. Communications with this laboratory and development of analytical methods are expected to continue during the July 2015 reporting period.

Task Order No. 0009.000: SW Jefferson County, Jefferson County, Missouri

Status: Open

Period of Performance: 06/20/13 to 06/10/16

EPA tasked Tetra Tech START to attempt to acquire access to properties on a list provided by EPA for remedial activities. This effort was to include a mailing to all residents of properties with soil lead concentrations exceeding 400 parts per million (ppm) in at least one sampling cell. After the mailings, START was to call residents who did not respond, or try to obtain access in person if needed. Access to approximately 500 properties was to be sought. START was also tasked to sample approximately 100 additional properties as specified by EPA. START was to work with the EPA Task Monitor and EPA Data Manager to ensure successful uploading of historical data obtained via the START contract and previous EPA sampling efforts. A site-specific HASP and QAPP were submitted by START.

As of June 24, 2015, soil sampling had occurred at 2,408 properties (under all Jefferson County assessment TOs). To date, 785 drinking water wells also have been sampled.

During the June reporting period, START performed the following tasks:

- ☐ Collected pre-excavation samples, such as drip zone samples, at properties where site walks had occurred. Processed and screened the samples for lead, and sent updated field sheets to EPA and its contractor, Prudent Technologies, Inc. Loaded updated field sheets into the Oracle database.
- ☐ Collected and processed samples from properties where homeowners had requested sampling.
- ☐ Continued to upload site information into EPA's Oracle database.
- ☐ Prepared and shipped samples to the EPA Region 7 laboratory.
- ☐ Prepared and mailed letters to homeowners conveying sampling results.

Task Order No. 0011.000: WCLD – Old Mines, Washington County, Missouri

Status: Open

Period of Performance: 07/01/13 to 06/10/16

EPA tasked Tetra Tech START to attempt to acquire permissions for access to properties on a list provided by EPA for remedial activities. EPA also tasked START to sample at any remaining residential properties within the project area.

EPA tasked START to (1) mail requests for access permission to all residents at whose properties soil sampling results had exceeded 399 ppm of lead, (2) call remaining residents in blocks of 50 properties 2 weeks after mailing those requests for access permission, (3) attempt to obtain access permission by going door-to-door at remaining properties, and (4) log all attempts to obtain access permission. START mailed the access requests during October 2013. EPA requested that START not call or attempt to obtain access permission by going door-to-door at properties from which access agreements had not been received, because permission for access to enough properties had been gained at that time. The attempts were to continue when again tasked by EPA. During January 2014, EPA requested that START review the access list and include in it all properties with laboratory soil data exceeding 399 ppm of lead. The access list was revised and submitted to EPA.

During the June 2015 reporting period, START attempted to update property owner information and gain access for remedial activities by calling and going door to door at approximately 250 properties.

Task Order No. 0012.000: WCLD – Potosi, Washington County, Missouri

Status: Open

Period of Performance: 07/01/13 to 06/10/16

EPA tasked Tetra Tech START to assist with obtaining permission for access to approximately 770 properties that qualify for remedial soil cleanup within the project area. START was to send mail-outs, conduct a phone campaign, and finally go door to door to obtain signed access agreements from all property owners. START also was to assist in collecting surface soil and groundwater samples at an undetermined number of properties within the project area.

Approximately 120 signed access permission letters were received through the mail after the original mail-out in October 2013. START then began knocking on doors of property owners whose mailing addresses were not known in order to inform them of the upcoming remedial action and to gain access permission. Permission to access was gained at an additional 82 properties through the mail and by knocking on doors, bringing the total number of accessible properties to 202. Of the accessible properties, 46 host children ages 6 or younger. For the time being, attempts to obtain access permission were put on hold while EPA prepared to begin remedial activities.

During the June 2015 reporting period, START attempted to update owner information by phoning owners/occupants of approximately 400 properties that qualify for remedial cleanup.

Task Order No. 0013.000: WCLD – Richwoods, Washington County, Missouri

Status: Open

Period of Performance: 07/01/13 to 06/10/16

EPA tasked Tetra Tech START to assist with obtaining permission for access to approximately 50 properties that qualify for remedial soil cleanup within the project area. START was to send mail-outs, conduct a phone campaign, and finally go door to door to collect signed access agreements from all property owners. START also was to assist in collecting surface soil and groundwater samples at an undetermined number of properties within the project area.

To date, 28 residents/owners of properties have signed access permission agreements, and 13 have refused to grant access permission. Residents/owners of 24 properties still have not signed or refused to sign access permission agreements, including those associated with 18 properties recently added because lab results had indicated lead concentrations exceeding 399 ppm of lead in soil. The RPM will continue attempts to gain permission for access to these properties, and may ask START for assistance in that regard.

During the June 2015 reporting period, START attempted to update owner information by phoning owners/occupants of approximately 50 properties that qualify for remedial cleanup.

Task Order No. 0018.000: MGE – Marshall FMGP, Marshall, Missouri

Status: Open

Period of Performance: 07/03/13 to 06/10/16

EPA tasked START to assist with assessment and investigation activities at the Missouri Gas and Electric Company – Marshall former manufactured gas plant (FMGP) site in Marshall, MO. These activities possibly were to include soil and groundwater sampling. START was to prepare and assist with implementation of a QAPP, obtain documentation of permission for site access, identify relevant site characteristics, and upon completion of field sampling activities, develop a report summarizing the findings. Between November 2014 and May 2015, START conducted fieldwork activities including collecting groundwater, sub-surface soil, soil gas, and indoor air samples.

During the June 2015 reporting period, START reviewed analytical data from the April/May 2015 sampling event.

Task Order No. 0020.000: Northwestern Metal Company, Lincoln, Nebraska

Status: Open

Period of Performance: 07/15/13 to 06/10/16

EPA tasked Tetra Tech START to conduct a removal assessment focused on residential soil lead levels and related contaminants. In addition to field screening and sampling residential soils for laboratory analysis for metals, START was to collect samples to be analyzed for bioavailability and speciation of lead. START was to review EPA and Nebraska Department of Environmental Quality (NDEQ) files to examine environmental data obtained during previous investigations, and to develop additional maps showing current data points and concentrations. All data were to be compiled and stored in a data management system and GIS format, allowing interaction among multiple entities and easy manipulation of graphic data. All field activities and information generated were to be compiled in a site assessment report.

During the June 2015 reporting period, START and EPA met and decided to screen for lead contamination at approximately five more residential homes whose owners/occupants had provided access for sampling, and to collect additional background samples.

Task Order No. 0021.000: Carter Carburetor – PRP-Lead Removal, St. Louis, Missouri

Status: Open

Period of Performance: 07/16/13 to 06/10/16

EPA tasked Tetra Tech START to assist EPA in conducting oversight and air monitoring during PRP-lead removal activities associated with the CBI and Willco buildings at the Carter Carburetor site in St. Louis, MO. START's primary duty would be to provide air monitoring along the perimeter(s) of the site or work areas that would detect release of unacceptable quantities of pollutants from the site or work areas. Pollutants monitored were to depend on work activity at the time. The prime activities and expected order of precedence at the site are:

1. CBI Debris Removal and Building Preparation.
2. CBI Asbestos Abatement.
3. CBI Polychlorinated Biphenyls (PCB) Removal.
4. CBI Building Demolition.
5. CBI First Floor Slab Removal and Assessment.
6. Willco Asbestos Abatement.

7. Willco PCB Removal.
8. Die Cast Area PCB Removal.
9. TCE Area In-Situ Treatment.

Oversight generally was to involve monitoring and documenting PRP activities in detail. Oversight could also involve review of PRP work plans as appropriate and as directed by the OSC.

During the June 2015 reporting period, START suspended on-site support, including air sampling and oversight of the PRP, pending initiation of the next phase of removal activities. START also responded to comments from EPA regarding the QAPP developed for upcoming demolition/excavation activities at the site. A revised QAPP was submitted during the reporting period.

Task Order No. 0022.000: WCLD – Furnace Creek, Furnace Creek, Missouri

Status: Open

Period of Performance: 07/16/13 to 06/10/16

EPA tasked Tetra Tech START to conduct surface soil, groundwater, and limited subsurface soil sampling at approximately 270 potential residential properties in the southwest portion of Washington County known as the Palmer sampling area. START was also to provide a detailed log of attempts to obtain permission for access to residential properties for sampling to assist EPA in determining the approximate number of residential properties within the sampling area. During two previous projects, a PA in 2010 and an SI in 2012, soil and groundwater had been sampled at 113 properties within the Palmer sampling area. The total number of properties sampled as of June 2014 was 185; the number of properties determined by START to be non-residential (summer homes/vacant/church/etc.) was 98. Owners at 73 properties have declined granting permission to access for sampling. Access permission to sample has not been granted at 60 remaining properties where no contacts with these property owners have occurred; three attempts to contact these owners have been logged for these properties. The total revised home count in the Furnace Creek – Palmer sampling area as of June 2014 was 416. With 98 of these properties believed to be non-residential, the revised residential property count was 318.

No technical activity occurred during the June 2015 reporting period.

Task Order No. 0024.000: WCLD – Potosi, Potosi, Missouri

Status: Open

Period of Performance: 07/16/13 to 06/10/16

EPA tasked Tetra Tech START to manage removal activities at time-critical properties within the project area. START was to assist EPA and the ERRS contractor with attempts to obtain access permissions for removals, site walks, pre- and post-excavation sampling, documentation, and oversight at approximately 27 properties during soil excavation activities. START was also to assist EPA in gaining access to install water filters at properties currently provided with bottled water.

During the June 2015 reporting period, START continued providing assistance with water filter installations, and began oversight of soil removal activities.

Task Order No. 0025.000: Valley Park TCE, Valley Park, Missouri

Status: Open

Period of Performance: 07/29/13 to 06/10/16

EPA tasked Tetra Tech START to provide technical support for vapor intrusion (VI) sampling at the Valley Park TCE site in Valley Park, MO. Vapor mitigation systems were installed at a residence and business within the site boundary during late July and early August 2013.

Following installation of those systems, START collected indoor air samples to determine current contaminant concentrations in order to evaluate effectiveness of the systems. Sampling activities occurred at the site during the week of August 12, 2013.

No technical activities occurred during the June 2015 reporting period.

Task Order No. 0026.000: Cherokee Zinc Company, Weir, Kansas

Status: Open

Period of Performance: 08/05/13 to 06/10/16

EPA tasked Tetra Tech START to provide removal assessment services at the Cherokee Zinc Company in Weir, KS. Specific elements of the task assignment included creating maps and a Google Earth platform (or equivalent) to base all field activities. START was to assess lead, arsenic, zinc, and cadmium concentrations at the site and surrounding properties according to Region 7 protocol and the Lead Handbook. START was to coordinate site access, conduct XRF field screening, and send confirmation samples to the Region 7 laboratory. START was to provide a removal assessment report summarizing all field and laboratory activities and results.

During the June 2015 reporting period, START conducted the removal assessment sampling activities.

Task Order No. 0027.000: Herculanum Lead Smelter, Herculanum, Missouri

Status: Open

Period of Performance: 08/12/13 to 06/10/16

This project is a continuation of work initiated under START 3, in which Tetra Tech START was tasked to provide general technical support and assist in overseeing PRP contractors conducting an RA at the Herculanum Lead Smelter site in Herculanum, MO. START continues to oversee remediation at properties with lead levels exceeding 400 ppm. START was to document costs incurred by the contractor for the response action; obtain, analyze, and validate data in accordance with EPA standard methods for sample analysis; procure laboratory services and prepare a written trip report; oversee the PRP during sampling and excavations; collect confirmation samples; prepare a statistical analysis of recontamination trends; and perform other oversight activities as directed by the RPM.

From May 19 to June 24, 2015, excavations were completed at six properties. One property underwent interior cleaning. Twelve properties have undergone interior cleanings, and since September 17, 2013, 144 properties have undergone excavations.

Task Order No. 0028.000: RMP Inspections, Regional

Status: Open

Period of Performance: 08/15/13 to 06/10/16

EPA tasked Tetra Tech START to conduct CAA RMP inspections at selected facilities within EPA Region 7. Inspection activities were to begin after provision to START by EPA of a list of facilities to inspect. During November 2013, the lead RMP inspector for START attended the EPA-sponsored training course: "Understanding Codes, Standards & Mechanical Integrity for RMP Inspectors."

During the June 2015 reporting period, EPA provided a list of five facilities for inspection. START submitted updated credentialing information for staff performing RMP inspections and received an authorization letter from EPA. START anticipates beginning the inspections during the July reporting period.

Task Order No. 0029.000: West Hwy 6 and Hwy 281, Hastings, Nebraska

Status: Open

Period of Performance: 08/13/13 to 06/10/16

EPA tasked Tetra Tech START to continue operations of soil vapor extraction (SVE) and groundwater extraction systems at this site. Activities may include quarterly sampling of SVE wells and system discharge, and of groundwater extraction wells and system discharge (post-treatment); preparation of daily operations reports; payment of utilities (electric and gas); maintenance and repair of system components as directed by EPA; and preparation of quarterly sampling reports and other status reports as requested by EPA.

During the June 2015 reporting period, START continued preparation of a quarterly monitoring well sampling report and a quarterly SVE/extraction well sampling report. Sampling described in these reports had been completed in April 2015. START also conducted routine daily system inspections, addressed various operations issues, reviewed daily operations reports, and paid utility invoices. START will continue to conduct daily inspections of the systems and coordinate with the on-site Operations Supervisor as necessary. START will continue to prepare quarterly reports regarding the April sampling activities during the July 2015 reporting period.

Task Order No. 0030.000: PCE Former Dry Cleaner, Atlantic, Iowa

Status: Open

Period of Performance: 08/13/13 to 06/10/16

EPA tasked Tetra Tech START to assist in completing removal assessment activities at the Atlantic Water Supply (Atlantic) site in Atlantic, Iowa. During September 2013, this task was amended to include further support to the removal program such as an expanded VI investigation and installation of several deep monitoring wells to help validate the groundwater model and better define the groundwater plume emanating from the former drycleaners/Iowa Department of Transportation materials testing laboratory. In May 2014, START reviewed the technical memorandum from Lockheed Martin regarding well placement. In July, START began development of a drilling SOW to install two and possibly three deep monitoring wells that were to be completed in the Dakota sandstone aquifer. START initiated development of a QAPP for sampling the wells once completed. START also researched a new technology referred to as Self-sustaining Treatment for Active Remediation (STAR). This technology involves subsurface heating of contaminants by application of a smoldering process to thermally desorb and/or destroy contaminants. In August, the SOW was sent to prospective state-certified well drillers to

competitively procure a well installation contract. In September 2014, START traveled to Atlantic to install three monitoring wells (completed in the Dakota Sandstone aquifer).

On May 11 and 12, START mobilized to the site to collect soil samples to determine whether the sampled area could be used as a source of backfill soil. During the June 2015 reporting period, results were received and forwarded to EPA. No contaminants were identified, indicating the material could be used as backfill.

Task Order No. 0032.000: Hwy AA TCE Wells, Jasper County, Missouri

Status: Open

Period of Performance: 08/14/13 to 06/10/16

EPA tasked Tetra Tech START to conduct assessment activities at this site with two TCE-contaminated private wells. START provided EPA with preliminary aerial photograph maps and a table of the known sample locations, as well as a list of area residences likely to have wells or known to be on a public water supply. START completed a map showing all the previously sampled locations in the site area, and delivered this to EPA in January 2014.

During the June 2015 reporting period, START continued preparation of a draft QAPP for the site—EPA did not want the QAPP submitted until permission for any required access is obtained. The Missouri Department of Natural Resources (MDNR) responded to START's Freedom of Information Act (FOIA) ("Sunshine") request for information regarding dye tracer studies in the area, but indicated that the information was in an obsolete format and that MDNR would have to determine whether this information can be retrieved.

Task Order No. 0035.000: Aurora Groundwater, Aurora, Nebraska

Status: Open

Period of Performance: 08/19/13 to 06/10/16

EPA tasked Tetra Tech START to collect drinking water samples at residences in Aurora where groundwater from wells had exhibited elevated concentrations of carbon tetrachloride. These residences host carbon filtration systems, but additional systems were to be installed to help reduce carbon tetrachloride levels. In May 2014, START received the analytical results from samples collected during March 2014, and began preparing the final report.

In August 2014, START continued preparing a report describing sampling activities and analytical data. Analytical results indicated elevated levels of carbon tetrachloride in drinking water, which would require

further carbon filtration system modifications and further sampling activities. Future sampling activities and corresponding analytical results were to be added to the report to generate a comprehensive final report.

In May 2015, additional filtration was installed at one residence. START collected pre- and post-filtration samples from the residence on May 21, 2015.

No technical activity occurred during the June 2015 reporting period. START awaits analytical results from the May 2015 sampling event, which will be added to the final report prior to submittal to EPA. Completion of the final report is anticipated during the July or August 2015 reporting period.

Task Order No. 0036.000: Products of America, Sedalia, Missouri

Status: Open

Period of Performance: 08/20/13 to 06/10/16

EPA tasked Tetra Tech START to conduct site assessment activities at the Products of America site in Sedalia, MO. Specific elements of the task assignment were to include reviewing the MDNR PA/SI Removal Assessment Report, conducting a site visit with the OSC, and photo documenting site conditions. START was to write a site report covering required RAs and any necessary sampling. If sampling would be needed, START would also generate a QAPP for the field work.

No technical activity occurred during the June 2015 reporting period. START awaits further direction from the EPA PM regarding future sampling strategy.

Task Order No. 0037.000: General Motors – Sioux City, Sioux City, Iowa

Status: Open

Period of Performance: 08/20/13 to 06/10/16

EPA tasked Tetra Tech START to provide continued support for a groundwater hydraulic capture system (HCS) in operation at the facility. START was to pay utilities associated with operating the HCS, conduct regular system checks, collect samples as requested by EPA, and complete reports and other duties as required.

During the June 2015 reporting period, START continued to monitor HSC data reported weekly by the City's technicians, and paid utility invoices. START and EPA conducted semi-annual groundwater sampling on June 22-23, 2015.

Task Order No. 0041.000: WCLD – Old Mines Removal, Washington County, Missouri
Status: Open
Period of Performance: 09/06/13 to 06/10/16

EPA tasked Tetra Tech START to help coordinate the following: installations of water treatment systems at properties with lead-contaminated wells, monitoring of RAs, collection of samples pre-excavation for TCLP analysis, other required analytical activities, and communications with property owners on site. Tetra Tech START also was to conduct additional sampling of soil and drinking water at residential properties, as well as soil, sediment, and surface water sampling at potential source areas.

No technical activity occurred during the 2015 reporting period.

Task Order No. 0042.000: WCLD – Richwoods Removal, Washington County, Missouri
Status: Open
Period of Performance: 09/06/13 to 06/10/16

EPA tasked Tetra Tech START to assist EPA with continued removal activities at properties with lead-contaminated private wells—including soil excavation and sampling, and oversight during water filter installations.

No technical activity occurred during the 2015 reporting period.

Task Order No. 0043.000: SW Jefferson County Remedial, Jefferson County, Missouri
Status: Open
Period of Performance: 09/11/13 to 06/10/16

EPA tasked Tetra Tech START to assist with remedial activities at the Southwest Jefferson County Mining site in Jefferson County, MO. START was to perform pre-excavation sampling for disposal purposes, conduct post-excavation screening, and compile site data in Oracle. START was to acquire familiarity with the Records of Decision regarding OU 1, OU 2, and OU 3, and review the PWS for the site-specific contractor prior to sampling. START was to submit a site-specific HASP and QAPP (both of which would accord with the site-specific contractor's HASP), and to log any deviations by any personnel within the work zone during sampling. A site-specific QAPP was submitted to EPA in November 2013.

Under the remedial program, 149 residential properties have been remediated—100 properties in 2014 and 49 properties in 2015.

During the June 2015 reporting period, START performed the following tasks:

- ☐ With excavation this year having begun on March 17, 2015, conducted confirmation sampling at yards undergoing remediation. Processed and screened the samples for lead, and sent results to EPA and its contractor, Prudent Technologies, Inc.
- ☐ Prepared project folders (field sheets sent to the excavation contractor regarding the current block of properties).
- ☐ Continued to upload site information into EPA's Oracle database.

Task Order No. 0044.000: Highway 3 PCE, LeMars, Iowa

Status: Open

Period of Performance: 09/11/13 to 06/10/16

EPA tasked Tetra Tech START to assist with removal assessment activities at the Highway 3 PCE site in Le Mars, Iowa. These activities were to include conducting air monitoring in buildings within the downtown Le Mars area, and overseeing installations of vapor mitigation systems in buildings where concentrations exceed project screening levels. In 2008, tetrachloroethene (PCE) had been detected in two groundwater samples collected as part of an investigation at the adjacent Le Mars Coal Gas Plant site. During two subsequent projects—a pre-CERCLIS assessment in 2009 and PA in 2011—soil, groundwater, and air samples had been collected to help delineate the plume of affected groundwater and the extent of contamination.

No technical activity occurred during the June 2015 reporting period. START awaits direction from EPA regarding future project activities.

Task Order No. 0045.000: Chicago Heights VOC Plume, Overland, Missouri

Status: Open

Period of Performance: 09/23/13 to 06/10/16

EPA tasked Tetra Tech START to assist EPA with oversight of the PRP's contractor during sampling events, including VI sampling and possible soil and groundwater sampling at residences.

No technical activity occurred during the June 2015 reporting period.

Task Order No. 0046.000: Radiation – Instruments and Flight Research, Wichita, Kansas

Status: Open

Period of Performance: 09/25/13 to 06/10/16

EPA tasked Tetra Tech START to assist with an RA at the Radiation – Instruments & Flight Research (IFR) site in Wichita, KS, where radium-226 had been detected in soil and on interior building surfaces.

In October 2013, START began preparing a QAPP for RA activities and met with EPA to coordinate field activities. A primary component of the QAPP is a Final Status Survey (FSS) design plan that accords with the Multi-agency Radiation Survey and Site Investigation Manual (MARSSIM). An FSS defines the decision process, release criteria, and sampling design plan for determining if the site can be released for unrestricted use. During February 2014, START used RESRAD-Build (a software package from the Argonne National Laboratory that models radiological doses resulting from occupancy of radiologically-impacted buildings) to develop site-specific Derived Concentration Guideline Levels (DCGL) related to radium-226 contamination of interior building surfaces. In addition, START performed calculations to estimate site-specific minimum detectable concentrations (MDC) for the field instruments to be used during the FSS. START submitted the QAPP for EPA review during March 2014, and removal activities were completed in May 2014.

During the June 2015 reporting period, START provided additional copies of the RA report to the facility owner.

Task Order No. 0052.000: 5th and Lincoln Street, Lexington, Nebraska

Status: Open

Period of Performance: 12/04/13 to 06/10/16

EPA tasked Tetra Tech START to conduct a field reconnaissance to determine sampling locations and acquire permission to access those locations for quarterly sampling of indoor and sub-slab vapor. In addition, groundwater sampling was to occur. Trip reports for each round of sampling and a final report summarizing all sampling events were to be submitted. START delivered the RSE report on April 23, 2015.

During the June 2015 reporting period, no technical work occurred.

Task Order No. 0053.000: Cleburn Street Well, Grand Island, Nebraska

Status: Open

Period of Performance: 12/12/13 to 06/10/16

EPA tasked Tetra Tech START to support RA activities at the Cleburn Street Well site. Under this TO, START was to install one or more vapor mitigation systems (VMS) within a former dry cleaner building to remove the threat of subsurface vapors derived from soil and groundwater contamination. The building has been divided for use as a storage space and church activities, and also houses equipment (for SVE and groundwater extraction) installed in 1998 to remediate soil and groundwater. This RA was to ensure

protection of those portions of the building used for church activities and storage. A VMS was installed during the February 2014 reporting period, and the SVE system was shut down at that time. The groundwater extraction/treatment system had been shut down in 2012. The VMS will continue to operate pending future response actions at the site.

During the June 2015 reporting period, START paid utility invoices for gas, electric, and telephone services for that portion of the building housing the remediation equipment. START may be tasked to conduct additional removal support activities under this TO, including assessment of an existing groundwater extraction system that has been shut off since 2009.

Task Order No. 0054.000: Iowa Dress Club, Oskaloosa, Iowa

Status: Open

Period of Performance: 12/18/13 to 06/10/16

EPA tasked Tetra Tech START to assist with assessment activities at the Iowa Dress Club site in Oskaloosa, Iowa. These activities possibly were to include soil, groundwater, and air sampling. START perhaps would be tasked to prepare or assist with implementation of a QAPP, obtain site access documentation, identify relevant site characteristics, and upon completion of field sampling activities, develop a report summarizing the findings.

No technical activity occurred during the June 2015 reporting period. START awaits direction from EPA regarding future project activities.

Task Order No. 0055.000: PCE/TCE Northeast Contamination

Status: Open

Period of Performance: 01/27/14 to 06/10/16

EPA tasked Tetra Tech START to provide removal assessment support by sampling private wells at the site. Private well sampling occurred during the week of February 10, 2014. In April 2014, EPA collected additional samples at the site. Preparation of a trip report and data summary regarding the February sampling event was suspended pending those results. In July 2014, START submitted a trip report and data summary regarding samples collected during February and April 2014.

During the June 2015 reporting period, no technical work occurred.

Task Order No. 0056.000: PCE Southeast Contamination

Status: Open

Period of Performance: 01/29/14 to 06/10/16

EPA tasked Tetra Tech START to provide removal assessment support by sampling private wells at the site. Private well sampling occurred during the week of February 10, 2014. In April 2014, EPA collected additional samples at the site. Preparation of a trip report and data summary regarding the February sampling event was suspended pending those results.

During the June 2015 reporting period, START assisted EPA with quarterly VI sampling in York. START also revised the March 2015 VI sampling trip report to reflect current screening levels, and began work on a trip report of DPT sampling activities completed during March and May 2015.

Task Order No. 0057.000: Valley Park TCE – OU 2 (RI/FS), Valley Park, Missouri

Status: Open

Period of Performance: 03/17/14 to 06/10/16

EPA tasked Tetra Tech START to conduct assessment activities and a Remedial Investigation / Feasibility Study (RI/FS) at the Valley Park TCE OU 2 site in Valley Park, Missouri. Assessment activities and the RI/FS were to focus on contaminated soils beneath a property owned by Valley Technologies, Inc., and on the areawide groundwater contaminant plume.

In June 2014, START submitted a draft sampling and analysis plan (SAP) for EPA review. In July, EPA provided comments on the draft SAP, and START began revising the SAP. In August 2014, START submitted the final SAP and prepared for field activities. In September 2014, START collected soil and groundwater samples within the Valley Technologies, Inc. source area and vicinity. In November 2014, four permanent monitoring wells were installed.

In April 2015, START submitted two trip reports regarding VI sampling in July and November 2014. In April 2015, START created a Scribe database for the site and populated the database with recent and historical sampling data from the site. The database will facilitate updating of the site conceptual model that will be presented in the revised SAP.

During the June 2015 reporting period, START submitted an updated SAP that incorporated the new groundwater data and proposed additional soil and groundwater sampling adjacent to and within the footprint of the Valley Technologies, Inc. building. Also during the June 2015 reporting period, START continued to prepare trip reports to document the OU 2 source area sampling.

Task Order No. 0058.000: West Lake Landfill, Bridgeton, Missouri

Status: Open

Period of Performance: 03/31/14 to 06/10/16

EPA tasked Tetra Tech START to provide support with removal assessment activities at the Westlake Landfill site in Bridgeton, Missouri. The 200-acre site is at 13570 St. Charles Rock Road in the Earth City Industrial Park area. It is surrounded by commercial/industrial and agricultural land on the eastern edge of the Missouri River floodplain. From 1939 to 1985, limestone was quarried on the site. Beginning in 1962, portions of the property were used for landfilling of municipal solid waste and construction debris. Two areas became radiologically contaminated in 1973 when soils mixed with uranium ore processing residues were used as daily cover in the landfilling operation. An adjacent property has also been impacted by erosional migration of radiologically-contaminated material from the landfill proper. Also present on the site is the Bridgeton Sanitary Landfill, which ceased operation in 2005. This sanitary landfill did not receive any of the radiologically-contaminated soil.

START was tasked to prepare a QAPP for establishing a perimeter air sampling and monitoring network in the communities surrounding the site, and to assist with the network setup, data acquisition and analysis, and database management.

In March 2015, EPA tasked START to reduce the air monitoring network at four of the five sites to include only real-time monitoring of gamma radiation by use of Genitron probes, and monthly total radiation measurements by use of thermoluminescent dosimeter (TLD) badges. Monitoring at Site 4 (Spanish Village Park) continued with the particulate filters for radiological parameters, Radiello passive sampling for VOCs via Method TO17, and sampling for hydrogen sulfide. Plans were for the monitoring efforts to continue at this reduced capacity until the end of May and for demobilization of START and EPA from the site in June. At that time, acquisition of baseline monitoring data would have been occurring for more than 1 year. If subsequent remedial activities at the landfill would pose possibility of potential impacts on air quality, EPA possibly would task START to re-establish the entire monitoring network.

During the June 2015 reporting period, EPA decided that monitoring at Site 4 (Spanish Village Park) would continue into July 2015, with (1) weekly collection of the particulate filters for radiological parameters analysis, and (2) monthly total radiation measurements by use of the TLD badges.

Task Order No. 4063.000: Beech Creek, Waynesboro, Tennessee

Status: Open

Period of Performance: 05/12/14 to 06/10/16

EPA Region 4 requested that Tetra Tech START observe and monitor surveying and sampling at this Superfund site near and north of the intersection of Clifton Turnpike and U.S. Highway 64 west of the City of Waynesboro, in unincorporated Wayne County, Tennessee. These START activities pertain to the phases of the project carried out by ENVIRON (PRP contractor) that involve time-critical removal action (TCRA) activities at the site. This task is a continuation of work under the Region 4 START contract.

The site is defined as beginning at the fence near the north end of the former Old Waynesboro City Dump and including the creek bed, banks, and floodplain of Beech Creek following Beech Creek 0.6 mile to the north. Contamination at the Beech Creek site is attributed to alleged disposal of waste liquid PCBs, spent and broken electrical capacitors containing PCBs, and other PCB-contaminated wastes in the Old Waynesboro City Dump between approximately 1969 and 1972. The Old Waynesboro City Dump was closed in 1982. As part of closure activities, the former landfill was covered with a 2-foot clay cap and topsoil, and the former landfill and settling pond were fenced.

EPA issued to the responsible party an Administrative Order on Consent (AOC), effective February 20, 2014, which specified required RAs. Tetra Tech START was tasked to monitor and document activities of the contractor, collect multimedia samples as needed, and submit a final report summarizing completed RAs.

During the June 2015 reporting period, Tetra Tech START reviewed the revised HASP and work plan, attended a project kickoff meeting, and conducted project management activities including document review, cost reconciliation, and review of RCMS 1900/55 reports.

Task Order No. 0065.000: West Alton TCE Wells, West Alton, Missouri

Status: Open

Period of Performance: 05/19/14 to 06/10/16

EPA tasked Tetra Tech START to conduct an RA at the West Alton TCE wells site in West Alton, MO. Tasks were to include collecting confirmation water samples at homes where water had been contaminated with TCE and other VOCs. Confirmation water samples were to be collected following installations of carbon filters in these homes by ERRS. START was to prepare a QAPP and HASP,

collect water samples, monitor site activities, secure laboratory services (if needed), document costs incurred by the contractor for the response action, prepare a written trip report summarizing findings, and conduct other activities as specified by the OSC.

During the June 2015 reporting period, START received results from the EPA laboratory. No other technical activity occurred.

Task Order No. 0067.000: LaClede Coal Gas, St. Louis, Missouri

Status: Open

Period of Performance: 05/30/14 to 06/10/16

EPA tasked Tetra Tech START to conduct an SI to determine the extent of previously documented releases, previously undocumented releases, and the nature of the associated threats at the Laclede Coal Gas FMGP. As well, START was to conduct HRS preliminary scoring and an RSE. Specific elements of the task assignment included reviewing existing document and reports, determining current ownership of parcels of land associated with the former FMGP operations, identifying easements associated with the area of interest, developing a site contact/ownership list, performing a site reconnaissance, and developing a detailed field sampling plan/QAPP to support the SI. START was to assist with obtaining site access, perform sampling, coordinate with the Region 7 EPA lab for sample analysis, consolidate site data and prepare an SI report, calculate a preliminary HRS score for the site, complete the RSE form using data gathered during the SI, and provide site maps and site data management.

During the June 2015 reporting period, START conducted the site investigation sampling activities.

Task Order No. 0070.000: Hwy 275 and 288th Street, Valley, Nebraska

Status: Open

Period of Performance: 06/10/14 to 06/10/16

EPA tasked Tetra Tech START to provide removal assessment support by sampling private and public wells at the site. A TCE groundwater plume from an unidentified source had been investigated at this site in the early 2000s, and whole-house filtration systems were installed at three residences and a business in 2005. In July 2014, START prepared and submitted a QAPP for private well sampling, which was originally planned for August 2014. At the request of EPA the well sampling was postponed until winter 2015. Well sampling was to be completed in conjunction with DPT sampling to identify potential source areas. In February 2015, groundwater samples were collected from multiple intervals at 15 DPT temporary wells and from 5 private wells.

During the June 2015 reporting period, START and EPA conducted additional soil and groundwater sampling (during the week of June 8).

Task Order No. 4071.000: Industrial Products Corporation Removal, Mt. Pleasant, Tennessee

Status: Open

Period of Performance: 06/18/14 to 06/10/16

EPA tasked Tetra Tech START to oversee sampling and removal activities at the Industrial Products Corporation at 107 Boswell Street, Mt. Pleasant, Maury County, Tennessee. The site encompasses approximately 3.2 acres within a mixed industrial/commercial and residential neighborhood. The site is bounded north by three lots, east by the Tennessee Southern Railroad corridor property, southwest by a single lot, and west by Boswell Street. The site is oriented in a northeast-southwest direction along Boswell Street. The site was used by the owner as a commercial insulation and roofing product distribution facility until February 2009. Industrial Products Corporation has since moved its business operation to Columbia, Tennessee. The site is currently vacant.

Tennessee Department of Environment and Conservation (TDEC) historical records indicate that rock wool manufacturing occurred on the property for an unknown duration, ending in the early 1970s. Slag and coke were the raw materials used in the rock wool manufacture process at the site. Slag wastes from the nearby phosphate furnaces were brought to the property and stockpiled on site. Slag was also purchased from the St. Joseph Lead Company of Herculaneum, MO. The process involved melting the slag and coke, and blowing air through the molten material to produce rock wool insulation. This process generated dust. TDEC attempted to bring the facility into air release compliance, but the company discontinued the rock wool production due to expense and difficulty meeting the air pollution regulations. It is believed that during active site operations, dust was released to ambient air and was deposited on nearby properties.

During the June 2015 reporting period, preparation of a draft report continued.

Task Order No. 4072.000: Rome Powerhouse, Rome, Georgia

Status: Open

Period of Performance: 06/18/14 to 06/10/16

EPA Region 4 asked Tetra Tech START to oversee removal activities at the site, including preparing a cost estimate, QAPP, and HASP; conducting air sampling and hazardous categorization, as needed; preparing draft and final reports summarizing removal activities; and tracking costs in RCMS.

Asbestos-containing debris was found outside an abandoned power house in Rome, Floyd County, Georgia. Samples of debris previously collected by EPA contained asbestos at concentrations as high as 25 percent. The power house is adjacent to a residential community and other operational businesses.

During the June 2015 reporting period, Tetra Tech START communicated with the EPA Task Monitor, conducted project management, and updated the RCMS.

Task Order No. 4074.000: CBRN Preparedness, Region 4

Status: Open

Period of Performance: 07/08/14 to 06/10/16

EPA Region 4 tasked Tetra Tech to provide technical support for Homeland Security and Preparedness activities. Activities were to include assistance in developing exercises related to chemical, biological, radiological, and nuclear (CBRN) response; help in developing outreach and plans related to CBRN preparedness; and assistance in developing and delivering CBRN-related trainings.

During the June 2015 reporting period, Tetra Tech coordinated with the OSC regarding tasking, continued planning for the Southern Exposure Exercise, prepared a cost estimate for the Southern Exposure Exercise, reviewed a report summarizing the findings of the U.S.-Israeli Rad decon testing, conducted project management and cost tracking, and entered costs into the RCMS.

Task Order No. 0075.000: PCE Southeast RI/FS, York, Nebraska

Status: Open

Period of Performance: 07/02/14 to 06/10/16

EPA tasked Tetra Tech START to conduct an RI/FS of the site. Previous investigations by START had identified groundwater contaminated with PCE and related degradation products originating in the downtown York area and impacting private drinking water wells near the southeastern city limits of York.

During the June 2015 reporting period, START coordinated with EPA on scheduling Phase 1 field activities for August 2015.

Task Order No. 0076.000: Southwest Jefferson County Mining Site, Jefferson County, Missouri

Status: Open

Period of Performance: 07/08/14 to 06/10/16

EPA tasked Tetra Tech START to acquire homeowner access permission for sampling residential and non-residential properties within the 100-year flood plain of the Big River, screen those properties for lead by use of a portable XRF spectrometer, sample residential groundwater in private wells, and compile site data in Oracle. A site-specific HASP was completed by START. As directed by EPA, two separate QAPPs were to be completed by START that were to include sampling protocols for residential and non-residential properties. A site-specific residential QAPP was submitted to EPA in August 2014.

During the June reporting period, no technical activity occurred.

Task Order No. 0078.000: Franklin County Lead, Franklin County, Missouri

Status: Open

Period of Performance: 07/28/14 to 06/10/16

EPA tasked Tetra Tech START to assist EPA in support of a proposed SI, HRS Preliminary Score (if required), and RSE. START was to assist with identifying residential properties to be sampled, obtain access permissions, perform sampling, coordinate analysis, and keep records of data within a system organized by address and name.

During the June 2015 reporting period, START performed soil and water sampling at 31 properties.

Task Order No. 0079.000: Johnson County Industrial Airport, Olathe, Kansas

Status: Open

Period of Performance: 07/28/14 to 06/10/16

EPA tasked Tetra Tech START to conduct an SI of the Johnson County Industrial Airport (former Olathe Naval Air Station [NAS]). In August 2014, START reviewed historical documents and began preparing a QAPP describing sampling activities. In September 2014, START conducted a site visit.

During the June reporting period, START continued preparation of the SI report.

Task Order No. 4080.000: Technitronics, Inc., Casselberry, Florida

Status: Open

Period of Performance: 08/25/14 to 06/10/16

EPA tasked Tetra Tech START to prepare an HRS documentation package regarding the Technitronics, Inc. site, a former circuit boards manufactory in Casselberry, Seminole County, Florida. Tetra Tech START was to prepare the HRS package regarding the groundwater migration pathway by referencing existing analytical results, identifying data gaps, acquiring site-specific target data, submitting the HRS package for EPA Regional QC and EPA HQ QA reviews, addressing EPA HQ QA review comments, and resubmitting the HRS package for proposed listing on the National Priorities List (NPL) in spring 2015. The HRS package was to evaluate a groundwater plume associated with the former Technitronics, Inc. site. Because the HRS package was to evaluate a groundwater plume, the site name for proposed listing on the NPL was changed to the Technitronics Ground Water Plume.

During the May 2015 reporting period, Tetra Tech received additional QA review comments in a redline version of the HRS documentation record from the EPA HQ QA contractor, revised the HRS documentation record based on the additional redline review comments, accepted all changes and deleted all comments from the redline documents, submitted the revised HRS documentation record and new and revised references, and conducted project management and RCMS cost-tracking activities.

During the June reporting period, no technical activities occurred. This project is closed.

Task Order No. 4082.000: TVA Kingston Ash Recovery Project, Harriman, Tennessee

Status: Open

Period of Performance: 09/10/14 to 06/10/16

EPA tasked Tetra Tech START to conduct quarterly split groundwater sampling; provide logbook and photographic documentation of site activities; prepare daily work orders for split groundwater sampling; prepare and submit quarterly data comparison reports; provide community involvement support to the Task Monitor, as needed; and track costs in the RCMS.

During the June 2015 reporting period, Tetra Tech START communicated with the EPA Task Monitor, conducted project management, and updated the RCMS.

Task Order No. 0083.000: Cleburn Street Well, Grand Island, Nebraska

Status: Open

Period of Performance: 09/30/14 to 06/10/16

EPA tasked Tetra Tech START to conduct remedial design investigation activities at the Cleburn Street Well site in Grand Island, NE. Activities were to include a DPT groundwater investigation to assess the current footprint of the groundwater plume associated with OU 2, and installation of one or more monitoring wells. The number and locations of monitoring wells were to be contingent on results of the DPT investigation.

During the June 2015 reporting period, START received data from DPT soil and groundwater sampling conducted near the OU 2 source area in May 2015. This sampling was performed to assist in design of future RAs at the site, and also to determine potential for VI at buildings downgradient of OU 2. START collected 48 soil samples from 8 DPT soil borings, and approximately 60 groundwater samples from 10 temporary DPT wells. START will prepare a trip report and data summary during the July reporting period.

Task Order No. 0084.000: PCE Former Dry Cleaner HRS, Atlantic, Iowa

Status: Open

Period of Performance: 10/22/14 to 06/10/16

EPA tasked Tetra Tech START to prepare an HRS documentation record regarding the Atlantic Water Supply site in Atlantic, Iowa, a rural community in Cass County, about 75 miles west of Des Moines, Iowa. The apparent source of the contamination is a former dry cleaning facility at 1205 East 7th Street.

During the June reporting period, START revised the draft HRS package based on comments received from EPA.

Task Order No. 0086.000: Osage and Walnut, Coffeyville, Kansas

Status: Open

Period of Performance: 01/08/15 to 06/10/16

EPA tasked Tetra Tech START to conduct a Site Re-Assessment of the Osage and Walnut site in Coffeyville, KS. The Site Re-Assessment was to summarize previous site investigations through comprehensive databases, spreadsheets, mapping, visual displays, and technical evaluation. The Osage and Walnut site was identified during quarterly groundwater monitoring of the Miller Brothers Oil Company property with support from the Kansas Petroleum Storage Tank Release Trust Fund. Analyses

of groundwater samples revealed presence of TCE. Subsequently, KDHE conducted multiple investigations to determine the source and extent of TCE contamination. KDHE concluded that a release of TCE and other chlorinated solvents had occurred upgradient of the Osage and Walnut site, with the likely source being the Coffeyville Re-Con, Inc., facility. During February 2015, START completed an initial version of a site-specific ArcGIS Viewer for Flex application (Flexviewer), a customized GIS-enabled web-mapping application. START compiled site information for completion of a Site Re-Assessment report summarizing site history and previous investigations.

In addition to the Site Re-Assessment, START was to assist EPA with a removal assessment of the Re-Con site (the TCE source property). The removal assessment was to include inventorying unknown waste containers, collecting samples for field screening purposes, and collecting samples for disposal profiling.

Because of issues in obtaining property access, the initial site reconnaissance originally planned for April 2015 was delayed. Completion of the QAPP is expected after completion of the site reconnaissance. Field work for the removal assessment is anticipated during summer 2015.

During the June 2015 reporting period, no technical activity occurred.

Task Order No. 0088.000: Southwest Jefferson County Mining Site, Hillsboro, Missouri
Status: Open
Period of Performance: 02/03/15 to 06/10/16

EPA tasked Tetra Tech START to attempt acquisition of access permissions to remediate properties of owners who had not responded to previous requests for access. This was to include a door-to-door effort (including nights and weekends) at properties eligible for remediation but with no documented response or occupied by new home owners. Contact attempts were to be documented into the Oracle database. START was also tasked to undertake a mailing effort to acquire access permission to sample within several specified lake communities and subdivisions. After the mailings, START was to try to obtain access permission in person if needed. START was to keep updated lists of access permission attempts, access permissions obtained, access permissions denied, and access permissions not yet attempted within those specified lake communities and subdivisions.

During the June 2015 reporting period, START performed the following tasks:

- ☐ Mailed forms requesting access for excavating and sampling to homeowners who had requested these activities of EPA.

- Together with EPA, developed lists of 25 lake communities and subdivisions suspected to host contamination. (Lists were being generated of properties sampled, access permissions denied, and access permissions not yet obtained for sampling within those specified lake communities and subdivisions.)
- Mailed to 15 lake communities and one Hauler list in the SW quadrant the following numbers of letters requesting permission to sample:
 - Briarwood: 15
 - Cedar Hill Lakes: 131
 - Cedar Trace: 28
 - Cole Lake: 19
 - Gwenmill Lake: 12
 - Hauler: 69
 - Lake Adelle: 146
 - Lake Bono Del: 12
 - Lake Lorraine: 112
 - Lakeland: 10
 - Raintree: 126
 - Summerset: 65
 - Sunrise Lake: 116
 - Valle Lake: 209
 - Ware Lake: 105
 - Wauwanoka: 144.

All returned access agreements are mailed to EPA to input into Oracle. START has received from EPA a list of properties for which sampling permission has been granted via these mailings. Field sheets for these properties have been created. Some returned access agreements were sent to START by EPA to input into Oracle.

Task Order No. 0089.000: Big River Mine Tailings, Desloge, Missouri
Status: Open
Period of Performance: 02/04/15 to 06/10/16

EPA tasked Tetra Tech START to assist with removal assessments at as many as 200 additional properties, and with oversight of remedial activities at as many as 300 properties. Oversight of the remedial contractor began on March 9, 2015. Work will include obtaining permission to access for sampling and remediation, sampling yards for determination of lead contamination, conducting confirmation sampling at yards undergoing remediation, and storing, tracking, and distributing high-efficiency particle attenuation (HEPA) vacuums to residents. HEPA vacuums were to be supplied by EPA.

During the June 2015 reporting period, START performed the following tasks:

- ☐ Conducted site walkthroughs at residential properties with EPA and Environmental Restoration personnel.
- ☐ Obtained signed remedial access agreements.
- ☐ Continued working with GIS staff on development/refinement of a digital application to be used for management of both screening data and post-excavation data. This application will increase efficiency while reducing data management costs.
- ☐ Collected additional screening samples prior to remedial activities at residential properties, as needed.
- ☐ Returned phone calls to property owners and discussed project activities with property owners who visited the field office.
- ☐ Continued delivery of HEPA vacuums to property owners.
- ☐ Sampled residential properties and prepared to-scale property drawings. To date, START has sampled 636 properties for lead-contaminated surface soils. Of this total, 76 properties (12 percent) contained lead at concentrations below the EPA screening level (SL) of 400 milligrams per kilogram (mg/kg), 134 residences (21 percent) contained lead between 400 and 799 mg/kg outside the drip zone and city easements, and 426 residences (67 percent) contained lead above 800 mg/kg outside the drip zone and city easements. These data are based on the highest average XRF reading for lead among the areas screened at each residential property.
- ☐ Oversaw remedial activities by ER (to date, excavation has been completed at 38 residential properties).
- ☐ Distributed post-excavation data to EPA and ER personnel.
- ☐ Prepared soil and groundwater samples for delivery to the EPA Region 7 laboratory.

Task Order No. 0090.000: IA/NE FMGP, Norfolk, Nebraska

Status: Open

Period of Performance: 02/09/15 to 06/10/16

EPA tasked Tetra Tech START to revise and update the HRS package for the Iowa/Nebraska Light and Power FMGP site in Norfolk, Nebraska. An HRS documentation package dated October 2010 had been prepared by Tetra Tech but was never submitted to headquarters for review. START was to review and revise the package as necessary to update new data that may have been acquired at the site, and population information. START also was to apply any new values from the recently revised Superfund Chemical Data Matrix (SCDM).

During the June reporting period, START addressed EPA's comments on the draft HRS package.

Task Order No. 0091.000: Beatrice FMGP, Beatrice, Nebraska

Status: Open

Period of Performance: 02/09/15 to 06/10/16

EPA tasked Tetra Tech START to revise and update the HRS package for the Beatrice FMGP site in Beatrice, Nebraska. An HRS documentation package dated March 2011 had been prepared by Tetra Tech but was never submitted to headquarters for review. START was to review and revise the package as necessary to update new data that may have been acquired at the site, and population information. START also was to apply new values from the recently revised SCDM.

During the June reporting period, START addressed EPA's comment on the draft HRS package.

Task Order No. 0092.000: CPR Train Derailment, Balltown, Iowa

Status: Open

Period of Performance: 02/10/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to assist the OSC with a response to a denaturized ethanol spill from a train derailment, and to provide site characterization and documentation of assessment and cleanup activities. Individual tasks included providing analytical services, documenting chronology of events, compiling press clippings, conducting air monitoring, performing sampling, documenting the release, documenting site access, identifying the source and nature of the incident, preparing an incident/trip report, providing maps and sketches, monitoring cleanup activities, preparing a HASP, providing photo and video documentation, and identifying water intakes impacted by the spill.

At 1120 hours Central Time, Wednesday, February 4, 2015, 15 railcars of a southbound Canadian Pacific freight train derailed on the right descending bank of the Mississippi River, 10 miles north of Dubuque, Iowa, near Balltown, Iowa. Approximately 50,000 gallons of denatured (3-5% natural gasoline) ethanol was discharged, impacting the Mississippi River. Three railcars ignited as a result of the derailment. Up to eight railcars containing ethanol derailed, also potentially involved in the discharge. Local, state, and federal responders mobilized to the scene and coordinated response efforts.

START was on scene from February 5 through 11, 2015, documenting site activities and assisting EPA. START and EPA collected a sample of denatured ethanol from a derailed rail car and submitted it to the Iowa Hygienic Laboratory in Coralville, Iowa. START received analytical results from the ethanol sample and submitted those results to EPA. START wrote a HASP and was to develop the ER trip report.

During the June 2015 reporting period, START continued preparation of the ER trip report.

Task Order No. 0093.000: Omaha (ex) AF Z71, Omaha, Nebraska

Status: Open

Period of Performance: 03/03/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to conduct an APA of this site of a former Air Force Station. For the project, sampling of surface soils was to occur to determine whether any contaminants of concern had been released at the site, and groundwater samples were to be collected from private wells in the vicinity to assess impacts on groundwater and associated drinking water supplies that may be related to the site.

During the June 2015 reporting period, START coordinated planning activities for anticipated sampling.

Task Order No. 0094.000: Vienna Wells, Vienna, Missouri

Status: Open

Period of Performance: 03/04/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to provide field support for supplemental soil sampling in support of an RI by the U.S. Geological Survey (USGS) of the Vienna Wells site in Vienna, MO. The site consists of three contaminated public water supply wells where VOCs had been released to the surface and subsurface soils, with the suspect source area being an old hat factory where solvents containing PCE had been used for cleaning fabrics and pelts. Intent of the sampling was to better determine the degree and extent of contamination across the vicinity of the site, and to provide data so EPA could perform a risk assessment of the site. START was tasked to assist with packaging, data management, and shipping of surficial and subsurface soil samples collected by EPA. Samples were to be shipped to the EPA Region 7 laboratory in Kansas City, KS, for analysis. An 80-day turnaround time was planned by the EPA Region 7 lab due to the large volume of samples (~250) submitted under this effort. START was to provide a letter report with data summary and figures documenting sample locations upon receipt of the data packages from EPA.

During March 2015, START prepared a HASP and procured supplies necessary for the field work. Sampling began during the week of March 23, 2015, and continued through April 6, 2015. A total of 228 soil samples were collected during this effort and submitted to the EPA Region 7 lab for analyses for VOCs, semivolatile organic compounds (SVOC), pesticides/polychlorinated biphenyls (PCB), and Resource Conservation and Recovery Act (RCRA) metals.

During the June reporting period, START awaited receipt of analytical data from the lab to be reviewed and summarized in the final report.

Task Order No. 0095.000: BF Byproducts, Cabool, Missouri

Status: Open

Period of Performance: 04/06/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to assist with an emergency RA at this site in Cabool, MO, where a release of used vegetable oil had occurred to the ground surface, two holding ponds, and downgradient drainageways. The release and current conditions at the site presented a threat to the Big Piney River, less than 2 miles away. EPA activated its Region 7 ERRS contractor to vacuum oil/water from the holding ponds and excavate stained soils from the holding ponds and other spill areas. During the cleanup, over 100,000 gallons of recovered liquids and over 850 tons of excavated soils were transported off site for proper disposal. START provided written and photographic documentation of response activities throughout the emergency response and removal action, which was completed in May 2015.

During the June 2015 reporting period, START continued preparation of a summary report.

Task Order No. 0096.000: Former United Zinc & Associated Smelters, Iola, Missouri

Status: Open

Period of Performance: 04/08/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to perform a title search and provide a copy of a Sanborn map and any subsequent maps of the smelters originally known as Lanyon Zinc #1 and #2 owned by Lanyon Zinc Company. Currently, the property on which Lanyon Zinc #1 and #2 stood is called "IMP Boats."

During the June 2015 reporting period, Tetra Tech worked with the First Title Company in Iola, KS, to obtain all of the title search documents. Various delays have occurred because of the size of the project and limitations of the local title company. Seven of the 15 title searches have been sent to Tetra Tech START. The title searches had been scheduled for completion during the June reporting period, but this likely will not occur until mid-July because of delays associated with the title company.

Task Order No. 0097.000: Southwest Jefferson County OU 4, House Springs, Missouri
Status: Open
Period of Performance: 04/08/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to provide technical support for a removal assessment at the Southwest Jefferson County OU 4 site in House Springs, MO. EPA was contacted by Jefferson County officials due to concerns regarding the structural integrity of a low water dam at Rockford Beach on Big River, where lead-contaminated sediments had been identified. Habitat for an endangered mussel species occurs along the stream that could be impacted by elevated levels of lead. This removal assessment is intended to evaluate current circumstances and acquire information necessary to determine if a Superfund RA would be needed to stabilize the situation until long-term remedial actions can be implemented.

During the June 2015 reporting period, START finalized a document outlining alternatives for stabilization of the low water dam, along with associated costs. EPA has prepared a draft Action Memorandum for an RA that is under review by EPA management. After approval of the Action Memorandum, START and ERRS will accompany the EPA Project Manager to conduct a reconnaissance of the site. The site reconnaissance is anticipated to occur in July 2015, when plans to stabilize the dam will be discussed, and additional data needs will be determined.

Task Order No. 0098.000: Data Management, Regional
Status: Open
Period of Performance: 04/09/15 to 06/10/16

EPA tasked Tetra Tech START to help develop DMPs and procedures, provide data management support using emerging technologies, assist with operation and maintenance of Region 7 Flex and JavaScript viewers, and attend data management workshops. EPA has also tasked START to assist with development of capabilities to communicate and transmit field-acquired and other forms of data by use of a number of technologies, and to incorporate these capabilities with other existing technologies. START is hosting and maintaining a number of EPA Region 7 Flex viewers. START is evaluating use of systems such as the EPA FAST data collection system and the ESRI Collector application for site and ER work.

In April 2015, START attended a kickoff meeting to establish roles and responsibilities for the Data Management TO, and to identify tasks. START also adjusted and tested the EPA Environmental Response Team (ERT) Cloud hosting environment.

During the June reporting period, START began working with OSC Mahler to develop an emergency response data management plan (DMP) for use with the Emergency Response QAPP. The DMP is to include protocols and procedures for managing data associated with ERs, and include information such as objectives for data management, data management workflows, data privacy and security, and data storage and reporting. START also provided continued support of the ER Cloud hosting environment, and began to evaluate after-action information generated from the May 2015 IMT Exercise.

Task Order No. 0099.000: Caney Residential Yards, Caney, Missouri

Status: Open

Period of Performance: 04/10/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to support a removal assessment at the Caney Residential Yards site in Caney, KS. The purpose of the investigation was to determine impacts on residential soil from previous smelting operations in Caney. The removal assessment was to focus on up to 200 residential properties surrounding two former lead and zinc smelters—the Owens Zinc smelter and the American Zinc, Lead, and Smelting Company. KDHE investigations at the former smelter sites have identified elevated concentrations of lead, cadmium, and zinc. Removal assessment activities were to include: collection of surface and subsurface soil samples from residences, screening of soil samples by use of an XRF spectrometer, submittal of approximately 10% of samples for laboratory confirmation analysis, and submittal of a small subset of samples for lead speciation. A site-specific QAPP was submitted on April 22, 2015, detailing planned sampling activities. Removal Assessment activities began on May 26, 2015.

During the June reporting period, START continued removal assessment activities at the Caney Residential Yards site. To date, 160 residences have been visited in an attempt to gain access for sampling. Of those, 96 property owners granted access for sampling. START anticipates completing residential yard sampling during the July reporting period. Soil samples for confirmation analysis will be submitted during July to the EPA Region 7 laboratory. In addition, a small subset of samples will be selected for lead speciation and bioaccessibility analysis. After receipt of analytical data, a removal assessment report will be completed detailing results of site activities.

Task Order No. 0100.000: El Dorado Pipeline Spill, El Dorado, Kansas

Status: Open

Period of Performance: 05/11/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to respond to a diesel pipeline spill in El Dorado, KS. START provided technical assistance for oil spill response activities at the site from April 4 through 6, 2015. The

spill occurred when a 10-inch diesel pipeline operated by Magellan Midstream Partners, LLC split just north of Magellan's El Dorado Terminal. The spill was reported in the early morning hours of April 4, 2015. A pressure drop on the pipeline was noted, and visual inspection revealed that a release had occurred, resulting in a release of diesel fuel to nearby Constant Creek. Spill response contractors for Magellan were mobilized and began oil spill containment and recovery actions. Those actions involved construction of underflow dams, deployment of boom, and collection of diesel fuel. Magellan also performed air monitoring to protect workers, as well as to determine impacts on ambient air quality within the spill area. No air quality readings above applicable standards were noted. During the response, START oversaw site activities and recorded documentation.

During the June 2015 reporting period, START began preparation of an ER report for submittal to EPA.

Task Order No. 0101.000: PCE Former Dry Cleaner, Atlantic, Iowa

Status: Open

Period of Performance: 05/24/15 to 06/10/16

EPA tasked Tetra Tech Region 7 START to provide technical support during removal activities at the site.

During the June 2015 reporting period, START oversaw soil excavations in the parking lot where previous ground penetrating radar had identified an anomaly, and in the highway north of the site.

Task Order No. 0102.000: PCE Chestnut Street, Atlantic, Iowa

Status: Open

Period of Performance: 06/15/15 to 06/10/16

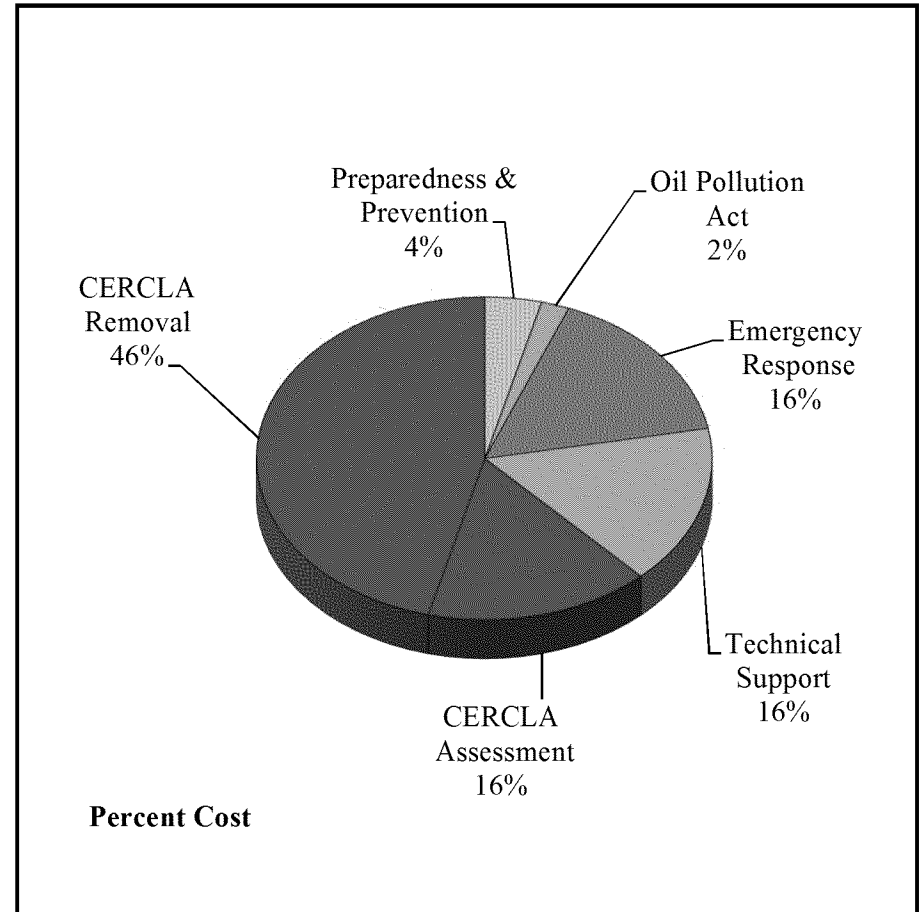
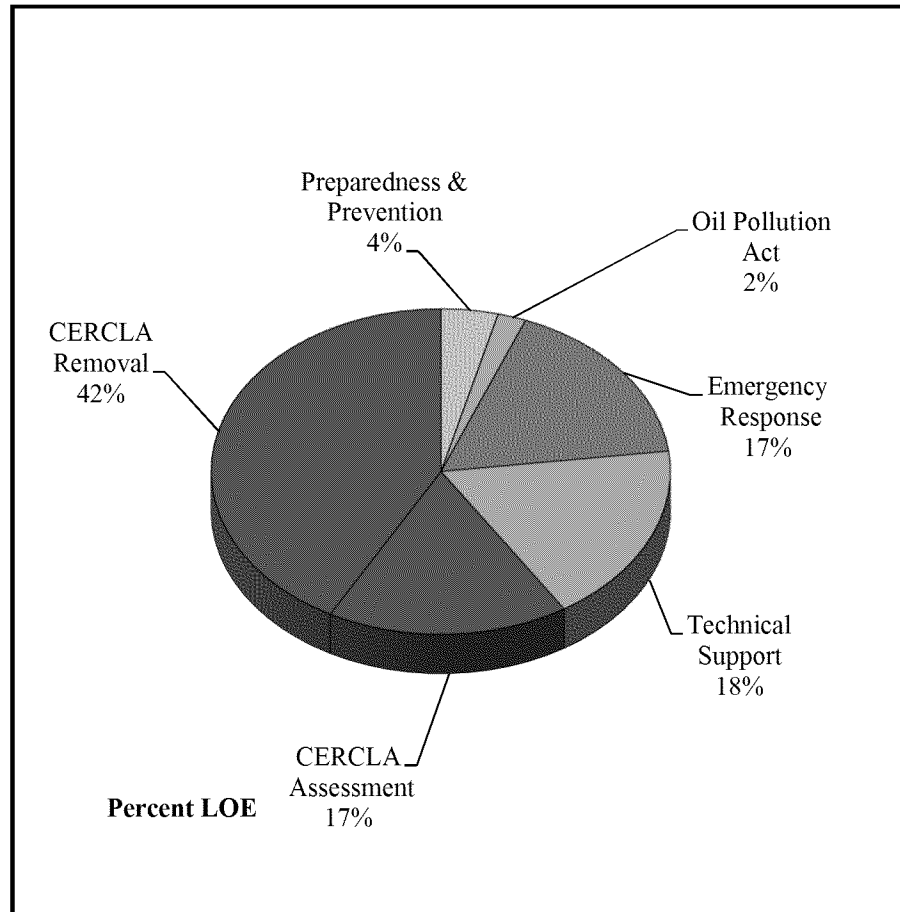
EPA tasked Tetra Tech Region 7 START to conduct removal assessment activities at the PCE Chestnut Street site in Atlantic, Iowa. The site had been identified during VI sampling at the adjacent PCE Former Dry Cleaners site during March 2015. The purpose of the removal assessment was to define the extent of PCE contamination in the surrounding area through more extensive VI sampling, as well as groundwater and soil sampling.

During the June 2015 reporting period, START prepared a QAPP for VI sampling to occur during July 2015. Additional sampling activities, including collection of soil and groundwater samples, are planned for fall 2015.

APPENDIX A
FINANCIAL PROGRESS REPORT

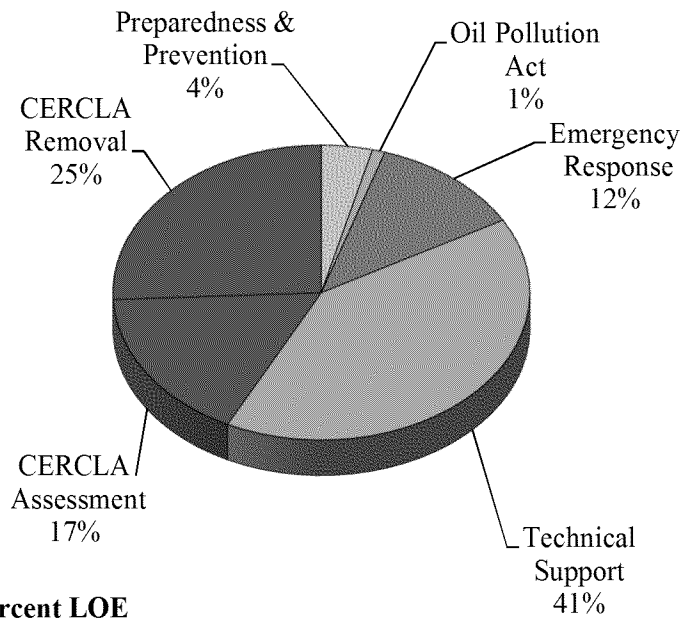
Tetra Tech, Inc.
U.S. EPA Region VII
Superfund Technical Assessment and Response Team
START 4 Contract No. EP-S7-13-06

CUMULATIVE ACTIVITIES SINCE INCEPTION

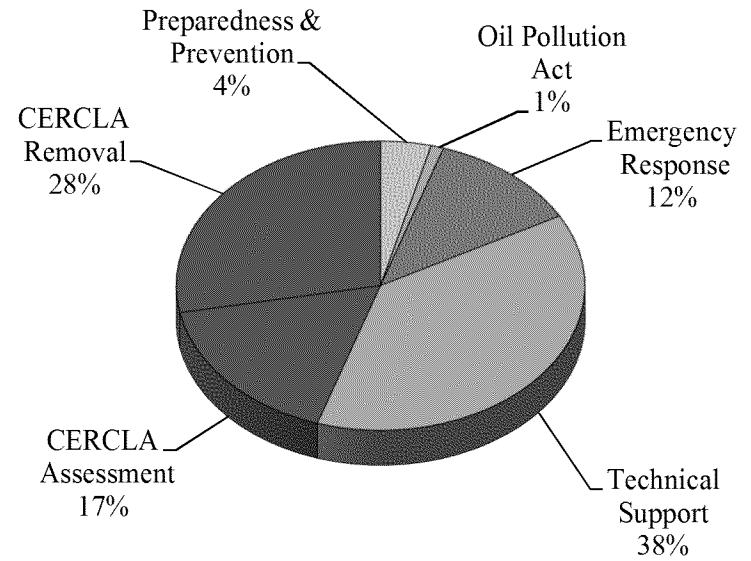


Tetra Tech, Inc.
U.S. EPA Region VII
Superfund Technical Assessment and Response Team
START 4 Contract No. EP-S7-13-06

REPORTING PERIOD: June 2015



Percent LOE



Percent Cost

CUMULATIVE FINANCIAL PROGRESS REPORT
USEPA REGION VII TECHNICAL ASSESSMENT & RESPONSE TEAM (START) 4 CONTRACT
CONTRACT # EP-S7-13-06

Period: 5/25/15 - 6/28/15

CONTRACT LEVEL
Summary

Task Orders	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
Ex. 4 - CBI								

TASK ORDER LEVEL
Summary

Task Order	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
Ex. 4 - CBI								

Task Order	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
Ex. 4 - CBI								

Task Order	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
<div>Ex. 4 - CBI</div>								

Task Order	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
Ex. 4 - CBI								

Task Order	Cumulative Amount Claimed	Current Amount Claimed	Base Period Obligated	Total Contract Obligated	Amount Paid	Amount Suspended	Amount Disallowed	Remaining Approved Amount
Ex. 4 - CBI								

MONTHLY FINANCIAL PROGRESS REPORT
 USEPA REGION VII TECHNICAL ASSESSMENT & RESPONSE TEAM (START) 4 CONTRACT
 CONTRACT # EP-S7-13-06

CONTRACT LEVEL

Current Project Ceilings w / Remaining Amounts

Period: 5/25/15 - 6/28/15

Task Orders	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0001-0102	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total Fixed Rate Tasks						

TASK ORDER LEVEL

Current Project Ceilings w / Remaining Amounts

Task Order	Category
0001	Direct Labor
	Travel
	Other Direct Costs
	Subcontractors
	Equipment
	Total
0002-000	Direct Labor
	Travel
	Other Direct Costs
	Subcontractors
	Equipment
	Total

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-002	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-003	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-004	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-005	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-006	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-007	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-008	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-009	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-010	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-011	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-012	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-013	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-014	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-015	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-016	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-017	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-018	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-019002	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total						
0002-019003	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total						
0002-019004	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total						
0002-019005	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total						
0002-019006	Direct Labor						
	Travel						
	Other Direct Costs						
	Subcontractors						
	Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-019007	Direct Labor Travel Other Direct Costs Subcontractors Equipment		Ex. 4 - CBI				
	Total						
0002-019008	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019009	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019010	Direct Labor Travel Other Direct Costs Subcontractors Equipment		Ex. 4 - CBI				
	Total						
0002-019011	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-019012	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019013	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019014	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-019015	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-020	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-021	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-022	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-023	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-024	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-025	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-026	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-027	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-028	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-029	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-030	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0002-031	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0002-032	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0002-033	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0003-000	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0003-001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0003-002	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0003-003	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0003-004	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0003-005	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-000	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0004-001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-002	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-003	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-004	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-005	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Ex. 4 - CBI

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0004-006	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0004-007	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0004-008	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0005-000	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0005-001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0005-002	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0006	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0007	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0008	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0009	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0010	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0011-000	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0011-001	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0012	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0013	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0014	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0015	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0016	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0017	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0018	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0019	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0020	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0021	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0022	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0023	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0024	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0025	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0026	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0027	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0028	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0029	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0030	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0031	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0032	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0033	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0034	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0035	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0036	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0037	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0038	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0039	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0040	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0041	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0042	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0043	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0044	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0045	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0046	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0047	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0048	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0049	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0050	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0051	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0052	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0053	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0054	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0055	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0056	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0057	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0058	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
4059	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0060	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0061	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0062	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4063	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0064	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0065	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0066	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0067	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0068	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
4069	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0070	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4071	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4072	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4073	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
4074	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0075	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0076	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4077	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0078	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0079	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
4080	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4081	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
4082	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0083	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0084	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0085	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0086	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0087	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0088	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0089	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0090	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0091	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0092	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0093	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0094	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0095	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0096	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0097	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0098	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						

Task Order	Category	Current Project Funding	Subtotal	G&A	Total	Remaining	% Remaining
0099	Direct Labor Travel Other Direct Costs Subcontractors Equipment	<div>Ex. 4 - CBI</div>					
	Total						
0100	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0101	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
0102	Direct Labor Travel Other Direct Costs Subcontractors Equipment						
	Total						
	Total Contract						

MONTHLY FINANCIAL PROGRESS REPORT
USEPA REGION VII TECHNICAL ASSESSMENT & RESPONSE TEAM (START) 4 CONTRACT
CONTRACT # EP-S7-13-06

CONTRACT LEVEL
Labor Hours

Period: 5/25/15 - 6/28/15

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-0102	Summary						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-0102							
Con't							
Ex. 4 - CBI							

TASK ORDER LEVEL
Labor Hours

TASK ORDER LEVEL
Labor Hours

Period: 5/25/15 - 6/28/15

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-000	Emergency Response Umbrella						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-000	Ex. 4 - CBI						
Con't							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-001	Emergency Response On-Call Duty						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-002	EPA Level B/C Exercise						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-003	Mercury Riggs Street						
Ex. 4 - CBI							
0001-004	Mercury 206 W 8th Street						
Ex. 4 - CBI							
0001-005	Northwood Ag Products						
Ex. 4 - CBI							
0001-006	Mercury Venus Avenue						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007001	Holmes Drive Drum Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007002	Industrial Parkway Spill						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007003	Pike County Tunnel Fire						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007004	Fmr Twin State Battery and Charger						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007005	Airgas HCL Response						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007006	AmRep Inc.						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007007	Knoxville College Lab Response						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007008	Lafern Drive Mercury						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007008					Ex. 4 - CBI		
Con't							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007009		Brickton Ave Mercury					
		Ex. 4 - CBI					

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007010		R4 Emergency Preparation					
		Ex. 4 - CBI					

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007011	Fmr Douglas Battery Site						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007012	JL Scott Drum Response						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007013	Pinebrook Circle Mercury Response						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-007014	Virginia Avenue Unknown Container						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-008	Mercury SW Cheyenne						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-009	Mercury Reynolds Drive						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-010	Mercury/Radiation Merriam Nal						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-011	Mercury 201 East North St						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-012	Mercury Military Museum						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-013	Mercury Health Department						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-014	Ossenfort Rd Abandoned Drum Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-015	CPR Train Derailment						
Total				0.00	\$0.00	0.00	\$0.00

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-016	Towanda Drums						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-017	BF Byproducts						
Total				0.00	\$0.00	0.00	\$0.00

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-018	El Dorado Pipeline Spill						
Total				0.00	\$0.00	0.00	\$0.00

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0001-019	Mercury South Kendall Drive						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-000	CERCLA Assessment Activities						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-001	Little Otter Creek						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-002	NCMRWC Round 7						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-002	Ex. 4 - CBI						
Con't							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-003	Big Springs Groundwater						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-004	David City Groundwater						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-005	Fairbury Groundwater						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-006	Ogallala Groundwater						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-007	Exeter Area Private Wells						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-008	Herman Area Private Wells						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-009	Holmesville Groundwater						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-010	30 County Lead Prioritization						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-011	Stakeholder Data Sharing						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-012	Olathe NAS						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-013	Humphrey Groundwater						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-014	Palmer Groundwater						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-015	Lewellen Groundwater						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price

0002-016 Garden City Auxiliary Field

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price

0002-017 Former Spotless Car Wash

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price

0002-018 Ogallala Groundwater

Ex. 4 - CBI

Order No. Employee - Company			Labor Category	Fixed Labor Rate	Current		Cumulative		
					Number of Hours	Total Price	Number of Hours	Total Price	
0002-018	Ex. 4 - CBI								
Con't									

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019	Brownfields Umbrella						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019001	KCMO Public Works						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019002	Waterloo Sycamore St						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019003	Adel Old Portland Road						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019004	NCMRWC Riley Properties						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019005	Winnebago Tribe Old Town Dump						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019006	St Louis Land Revitalization						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019007	Howardville Multi-Purpose						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019008	Old Gas Station & Radiator Shop						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019009	NCMRWC MODOT Property 3E05						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019010	Former Weir City Zinc						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019011	Winnebago Harden and Cedar						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019012	St Louis Development Corp						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019013	Burlington Armory Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019014	NCMRWC Building Assessment						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-019015	KCMO Municipal Farms						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-020	Carbon Tetrachlorethene						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-021	Sunkist Cleaners						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-022	Washington Gap Filler Annex						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-023	Bridgeton Municipal Athletic Complex						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-024	Former Helmuth Cleaners						
Ex. 4 - CBI							
0002-025	Former Quick Electric						
Ex. 4 - CBI							
0002-026	Keith County Maintenance						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-027	S 38th St & Fairbanks						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-028	Kansas Ave Solvent Tanks						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-029	Walker (ex) AFB						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-030	KCS&R on Guinotte						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-031	MLK Parkway						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-032	Tanglefoot Lane						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0002-033	Lincoln Radio Beacon Annex						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-000	Preparedness/Prevention Activities						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-001	ER Data Quality Review						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-002	BioWatch						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-003	Subarea Support						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-004	Oil Spill Training						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0003-005	Chemical Facility Safety and Security						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-000	Technical Assistance Activities						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-001	NPS Chlordane Sampling						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-001	Ex. 4 - CBI						
Con't							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-002	ER/CT Support						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-003	ER/Superfund Equipment Support						

Ex. 4 - CBI

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-003	Ex. 4 - CBI						
003							
Con't							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-004	Radiation Training Support						
		Ex. 4 - CBI					
004							
Order No. Employee - Company		Labor Category	Fixed Labor	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-005	Carter Carburetor						
		Ex. 4 - CBI					
005							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-006	National Mercury Work Group						
		Ex. 4 - CBI					
006							
Order No. Employee - Company		Labor Category	Fixed Labor	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-007	IMT/Data Collection						
		Ex. 4 - CBI					
007							

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0004-008	National Data Management Support						

Ex. 4 - CBI

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0005-000	Oil Support Activities						

Ex. 4 - CBI

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0005-001	Cottonwood River Response						

Ex. 4 - CBI

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0005-002	Oil Program Support						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0006	Analytical Support						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0007	West Lake Analytical						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0008	National Zinc Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0009	Southwest Jefferson County						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0009	Con't						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0010	Carter Carburetor						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0011-000	WCLD Old Mines Remedial						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0011-000	Con't						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0011-001	WCLD Old Mines Removal						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0012	WCLD Potosi						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0013	WCLD Richwoods						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0014	Bliss-Ellisville						
Ex. 4 - CBI							
0015	PCE/TCE Northeast Contamination						
Ex. 4 - CBI							
0016	PCE Southeast Contamination						
Ex. 4 - CBI							
Total				0.00	\$0.00	153.50	\$12,353.98

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0017	Cleburn Street Well						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0018	MGE Marshall FMGP						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0019	Big River Lake Timberline						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0020	Northwestern Metal Co.						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0021	Carter Carburetor PRP/Air						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0022	WCLD Furnace Creek						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0023	Radiation O'Neill Tank						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0024	WCLD Potosi RA						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0025	Valley Park TCE OU2						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0026	Cherokee Zinc Company						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0027	Herculaneum Lead Smelter						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0028	RMP Inspections Regional						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0029	W Hwy 6 and Hwy 281						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0030	Atlantic Water Supply						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0031	Ozarks Circuit						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0032	Hwy AA TCE Wells						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0033	SW Jefferson County Technical Support						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0034	CMD Camden County						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0035	Aurora Groundwater						

Ex. 4 - CBI

Order No. Employee - Company			Fixed Labor Rate	Current		Cumulative	
Labor Category				Number of Hours	Total Price	Number of Hours	Total Price
0036	Products of America						
Ex. 4 - CBI							

Order No. Employee - Company			Fixed Labor Rate	Current		Cumulative	
Labor Category				Number of Hours	Total Price	Number of Hours	Total Price
0037	General Motors Sioux City						
Ex. 4 - CBI							

Order No. Employee - Company			Fixed Labor Rate	Current		Cumulative	
Labor Category				Number of Hours	Total Price	Number of Hours	Total Price
0038	Big River Mine Tailings OU1						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0038	Con't						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0039	10th St Columbus, NE						
Ex. 4 - CBI							
Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0040	CMD Cole County						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0041	WCLD Old Mines Removal						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0042	WCLD Richwoods Removal						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0043	SW Jefferson County Remedial Support						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0044	Highway 3 PCE Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0045	Chicago Heights VOC Plume						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0046	Radiation Instruments & Flight Research						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0047	Ace Services						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0048	Ellisville Site (Strecker Forest)						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0049	Greene Chlordane Site						
Ex. 4 - CBI							

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0049 Con't	Ex. 4 - CBI						

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0050	Heartland Plating						
	Ex. 4 - CBI						

Order No. Employee - Company Labor Category			Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0051	South 4th Street PCE						
	Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0052	5th and Lincoln Street						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0053	Cleburn Street Well Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0054	Iowa Dress Club						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0055	PCE/TCE Northeast Contamination						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0056	PCE Southeast Contamination						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0057	Valley Park TCE-OU2						

Ex. 4 - CBI

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0057	Con't						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0058	Westlake Landfill Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4059	Edens NC Coal Ash Spill						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0060	Beta Chem Laboratory						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0061	Beta Chem Laboratory Removal						

Ex. 4 - CBI

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0062	National Data Management and Flexviewer Support						
Ex. 4 - CBI							
4063	Beech Creek Superfund Site						
Ex. 4 - CBI							
0064	Heartland Plating						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0065	West Alton TCE Wells						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0066	Independent Petrochemical						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0067	LaClede Coal Gas						
Ex. 4 - CBI							

Order No.		Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative		
					Number of Hours	Total Price	Number of Hours	Total Price	
0067		Con't							
		Ex. 4 - CBI							
Order No.			Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
						Number of Hours	Total Price	Number of Hours	Total Price
0068			Integrated Plastic Solutions						
			Ex. 4 - CBI						
Order No.			Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
						Number of Hours	Total Price	Number of Hours	Total Price
4069			Delta Mills Superfund Site						
			Ex. 4 - CBI						

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0070	Hwy 275 & 288th Street						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4071	Industrial Products						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4072	Rome Powerhouse						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4072	Con't						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4073	35th Ave Superfund Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4074	CBRN Homeland Security CT Preparedness						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0075	PCE Southeast Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0076	SW Jefferson County Mining Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4077	FRP SPCC Support						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4077	Con't	Ex. 4 - CBI					

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0078	Franklin County Lead						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0079	Johnson County Industrial Airport						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4080	Technitronics, Inc.						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4081	Oakhaven Cleaners						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4082	TVA Kingston Ash Recovery						
Ex. 4 - CBI							

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
4082	Con't			Ex. 4 - CBI			

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0083	Cleburn Street Well Site			Ex. 4 - CBI			

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0084	Atlantic Water Supply			Ex. 4 - CBI			

Order No. Employee - Company		Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0085	Hill Brothers Plating			Ex. 4 - CBI			

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0086	Osage and Walnut Site						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0087	Beta Chem Removal Action						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0088	SW Jefferson County Mining						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0089	Big River Mine Tailings						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0090	IA/NE FMGP						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0091	Beatrice FMGP						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0092	CPR Railroad Derailment						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0093	Omaha (ex) AFB Z71						
Ex. 4 - CBI							
Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0094	Vienna Wells Site						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0095	BF Byproducts						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0096	Former United Zinc and Associated Smelters						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0097	Rockford Beach Removal Assessment						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0098	Technical Support - Data Management						
Ex. 4 - CBI							

Order No.	Employee - Company	Labor Category	Fixed Labor Rate	Current		Cumulative	
				Number of Hours	Total Price	Number of Hours	Total Price
0099	Caney Residential Yards						
Ex. 4 - CBI							
0100	El Dorado Pipeline Spill						
Ex. 4 - CBI							
0101	PCE Former Dry Cleaner						
Ex. 4 - CBI							

Order No. Employee - Company			Labor Category	Fixed Labor Rate	Current		Cumulative	
					Number of Hours	Total Price	Number of Hours	Total Price
0102	PCE Chestnut Street							
Ex. 4 - CBI								